

Converting Colors

XYZ(85.6758, 91.2057,
102.8126)

Have a look what the booklet for
XYZ(85.6758, 91.2057, 102.8126)
contains.

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Color

**XYZ(85.6513, 91.1018,
102.6926)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF6F9
RGB	239, 246, 249
RGB Percent	94%, 96%, 98%
CMY	0.0627, 0.0353, 0.0235
CMYK	0.04, 0.01, 0.00, 0.02
HSL	198°, 45%, 96%
HSV	198°, 4%, 98%
XYZ	85.6513, 91.1018, 102.6926
YIQ	244.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

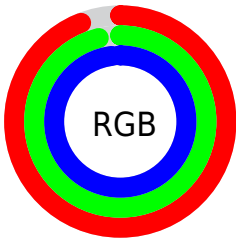
Format	Color
R _{YB}	239, 243, 249
Decimal	15726329
CIE _{Lab}	96.45, -1.76, -2.25
CIE _{LCh}	96, 2.857, 232.050
Y _{xy}	91.1018, 0.3065, 0.3260
Android (android.graphics.Color)	4293916409 (0xFFEFF6F9)
Y _{UV}	244.2490, 2.3422, -4.6034
Hunter-Lab	95.4473, -6.8526, 3.0224

Details

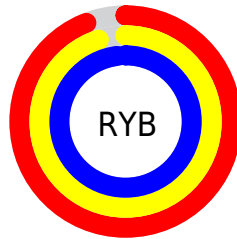
The XYZ color **85.6513, 91.1018, 102.6926** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.3994, 89.8753, 94.4569**, and the grayscale version is **86.1754, 90.6632, 98.7323**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5675, 50.7444, 57.7397** is the 20% darker color. If you saturate the color by 10%, you get **75.5939, 82.6181, 101.5866**, and if you desaturate by 10%, it is **93.6118, 98.6449, 103.7304**.

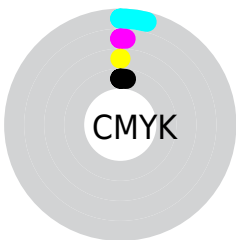
Distribution



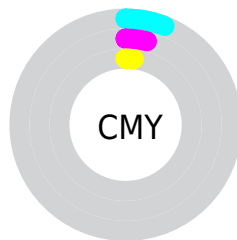
- Red (94%)
- Green (96%)
- Blue (98%)



- Red (94%)
- Yellow (95%)
- Blue (98%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (6%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.6513, 91.1018, 102.6926 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 85.6513, 91.1018, 102.6926 by changing the saturation by 10% instead.

85.6513, 91.1018,
102.6926

85.6513, 91.1018,
102.6926

502.2320,
531.6085, 590.1116

64.7040, 68.8948,
77.9218

140.1921,
148.8679, 166.9366

47.4849, 50.6261,
57.4936

174.5163,
185.1958, 207.2468

33.6287, 35.9111,
40.9897

214.0302,
226.9995, 253.5739

22.7700, 24.3655,
27.9914

259.0991,
274.6634, 306.3365

14.5436, 15.6050,
18.0802

310.0883,
328.5718, 365.9529

8.5839, 9.2451,
10.8375

367.3634,

4.5257, 4.9014,

389.1092, 432.8419

5.8449

431.2894,
456.6600, 507.4220

■ 2.0036, 2.1895,
2.6837

■ 0.6360, 0.7143,
0.9352

■ 85.6513, 91.1018,
102.6926

■ 85.6513, 91.1018,
102.6926

■ 75.5939, 82.6181,
101.5866

■ 93.6118, 98.6449,
103.7304

■ 66.7351, 74.8835,
100.5605

■ 94.0991, 99.6197,
103.8929

■ 59.0260, 67.8738,
99.6138

■ 52.4116, 61.5588,
98.7436

■ 46.8316, 55.9061,
97.9466

■ 42.2201, 50.8799,
97.2194

■ 38.5027, 46.4399,
96.5584

■ 35.5932, 42.5403,
95.9590

■ 33.3868, 39.1249,
95.4161

Harmonies

Analogous

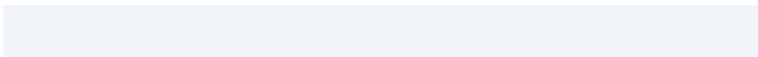
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.1781, 91.1018, 100.8497



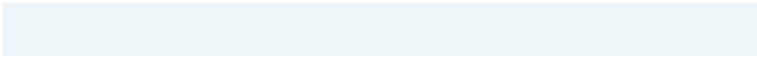
85.6513, 91.1018, 102.6926



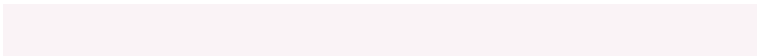
86.3779, 91.1018, 103.6011

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.6513, 91.1018, 102.6926



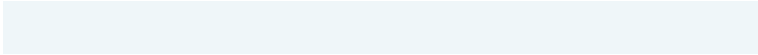
88.1149, 91.1018, 99.8021



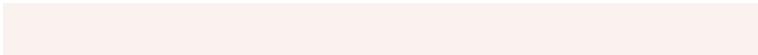
86.0160, 91.1018, 95.1852

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



85.6513, 91.1018, 102.6926



86.3994, 89.8753, 94.4569

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.8015, 91.1018, 94.9144



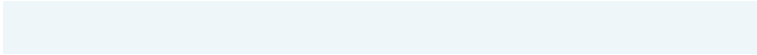
85.6513, 91.1018, 102.6926



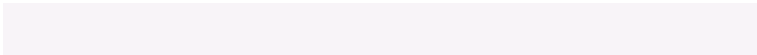
88.0165, 91.1018, 97.5572

Square

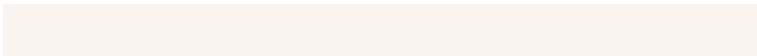
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



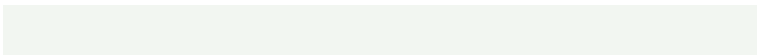
85.6513, 91.1018, 102.6926



87.8025, 91.1018, 101.9157



87.5346, 91.1018, 95.7765



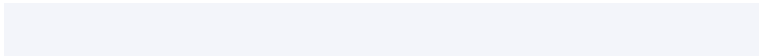
85.3877, 91.1018, 96.5220

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.6513, 91.1018, 102.6926



86.9096, 91.1018, 103.5450



87.5346, 91.1018, 95.7765



86.2703, 91.1018, 94.9673

Sweetspot

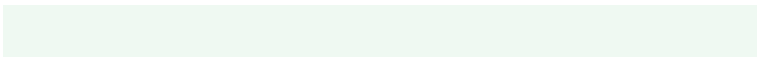
The Sweet Spot groups the original color and five complimentary colors.



85.6539, 91.1057, 102.6946



93.8748, 99.0331, 108.7753



85.4758, 92.5044, 97.2248



20.1055, 21.2074, 23.2837



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6539, 91.1057, 102.6946



89.3072, 95.2483, 108.2855



84.2017, 88.2012, 102.2105



18.1419, 19.3853, 22.1708



17.4261, 20.2077, 50.9556



1.7066, 2.0569, 4.7503

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



86.5700, 88.5284, 99.7183



90.5076, 91.8896, 104.3817



87.8582, 92.7929, 94.9431



18.4210, 18.6073, 21.2625



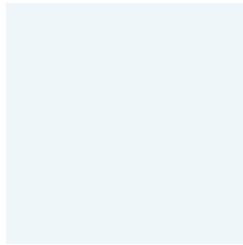
25.0879, 12.4509, 22.9691



2.3703, 1.1719, 2.3737

Previews

White Background



This preview shows how the XYZ color 85.6513, 91.1018, 102.6926 looks on a white background.

Color Contrast Check

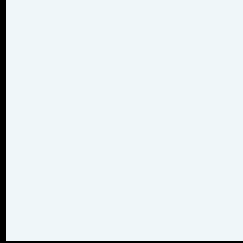
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 85.6513, 91.1018, 102.6926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

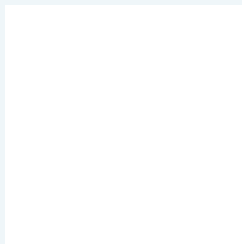
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.6513, 91.1018, 102.6926

Background



This preview shows how black text looks on a background with the XYZ color 85.6513, 91.1018, 102.6926.

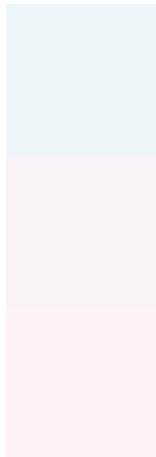


This preview shows how white text looks on a background with the XYZ color 85.6513, 91.1018,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

85.6513, 91.1018, 102.6926

Protanopia

87.5505, 90.7730, 100.9022

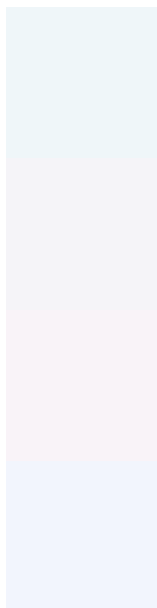
Deuteranopia

89.6386, 90.9479, 101.6372

Tritanopia

87.3628, 90.9761, 107.5634

Trichromacy



Original Color

85.6513, 91.1018, 102.6926

Protanomaly

86.9501, 90.8912, 101.7679

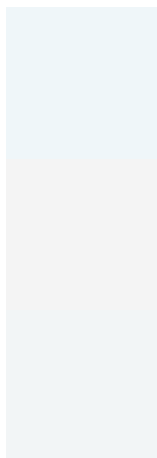
Deuteranomaly

88.0608, 91.0182, 101.7339

Tritanomaly

87.0000, 91.2739, 105.9607

Monochromacy



Original Color

85.6513, 91.1018, 102.6926

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.9049, 90.8359, 100.1942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.6513, 91.1018, 102.6926 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(239, 246, 249) looks like.

```
.text, #text, p{  
    color:rgb(239, 246, 249)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(239, 246, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 246, 249) }
```

Border

The CSS property to change the border of an element to XYZ 85.6513, 91.1018, 102.6926 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 246, 249) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(239, 246, 249) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(239, 246, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 246, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 246, 249); box-shadow:4px 4px 4px 4px rgb(239, 246, 249) }
```

Background

The CSS property to change the background color of an element to XYZ 85.6513, 91.1018, 102.6926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 246, 249) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(239,  
246, 249) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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