

Converting Colors

XYZ(82.9189, 85.0367,
103.9231)

Have a look what the booklet for
XYZ(82.9189, 85.0367, 103.9231)
contains.

XYZ(83.1627, 85.3699, 104.1904)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(83.1627, 85.3699,
104.1904)**

Conversions

Conversions Part 1

Format	Color
Hex	EFECFC
RGB	239, 236, 252
RGB Percent	94%, 93%, 99%
CMY	0.0627, 0.0745, 0.0118
CMYK	0.05, 0.06, 0.00, 0.01
HSL	251°, 73%, 96%
HSV	251°, 6%, 99%
XYZ	83.1627, 85.3699, 104.1904
YIQ	238.7210, -3.3480, 5.6120

Conversions

Conversions Part 2

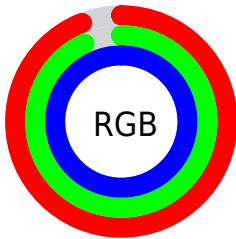
Format	Color
R _Y B	239, 236, 252
Decimal	15723772
CIE Lab	94.04, 3.91, -7.36
CIE LCh	94, 8.329, 297.967
Yxy	85.3699, 0.3049, 0.3130
Android (android.graphics.Color)	4293913852 (0xFFEFECFC)
YUV	238.7210, 6.5465, 0.2447
Hunter-Lab	92.3958, -1.0302, -2.1814

Details

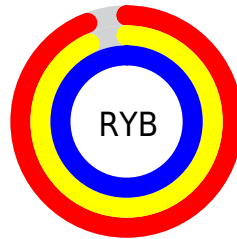
The XYZ color **83.1627, 85.3699, 104.1904** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.0210, 95.8190, 93.1642**, and the grayscale version is **81.7819, 86.0409, 93.6985**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7000, 46.6499, 58.2254** is the 20% darker color. If you saturate the color by 10%, you get **69.8866, 68.5063, 101.6364**, and if you desaturate by 10%, it is **94.5709, 99.8084, 106.3773**.

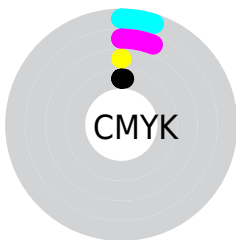
Distribution



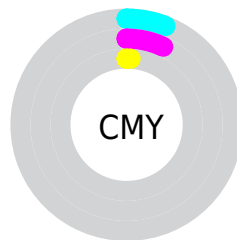
- Red (94%)
- Green (93%)
- Blue (99%)



- Red (94%)
- Yellow (93%)
- Blue (99%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (6%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.1627, 85.3699, 104.1904 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 83.1627, 85.3699, 104.1904 by changing the saturation by 10% instead.

83.1627, 85.3699,
104.1904

83.1627, 85.3699,
104.1904

494.1043,
512.8513, 594.9066

62.6417, 64.1471,
79.1684

136.7307,
140.8899, 169.0058

45.8090, 46.7698,
58.5121

170.5084,
175.9558, 209.6364

32.2991, 32.8537,
41.8031

209.4357,
216.4049, 256.3068

21.7467, 22.0144,
28.6227

253.8780,
262.6215, 309.4357

13.7865, 13.8675,
18.5525

304.2007,
314.9900, 369.4416

8.0530, 8.0286,
11.1738

360.7691,

4.1810, 4.1132,

373.8949, 436.7430

6.0682

423.9485,
439.7205, 511.7585

■ 1.8050, 1.7371,
2.8172

■ 0.5207, 0.4475,
1.0020

■ 83.1627, 85.3699,
104.1904

■ 83.1627, 85.3699,
104.1904

■ 69.8866, 68.5063,
101.6364

94.5709, 99.8084,
106.3773

■ 58.3464, 53.9915,
99.4430

■ 48.4717, 41.7238,
97.5956

■ 40.1840, 31.5898,
96.0763

■ 33.3986, 23.4660,
94.8659

■ 28.0226, 17.2159,
93.9429

■ 23.9523, 12.6862,
93.2831

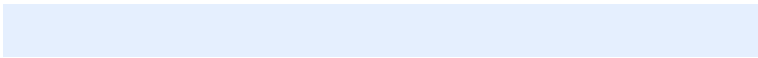
■ 21.0688, 9.6980,
92.8583

■ 19.2289, 8.0314,
92.6335

Harmonies

Analogous

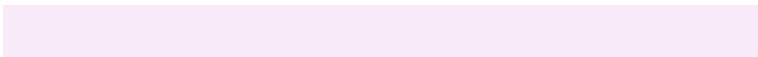
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9900, 85.3699, 105.7323



83.1627, 85.3699, 104.1904



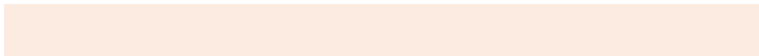
84.8195, 85.3699, 99.5990

Triad

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



83.1627, 85.3699, 104.1904



83.4300, 85.3699, 82.9566



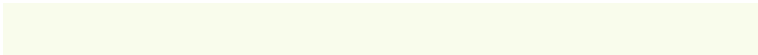
76.9442, 85.3699, 92.5197

Complementary

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



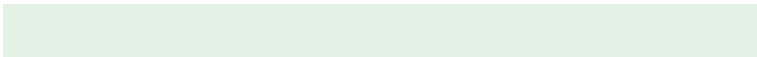
83.1627, 85.3699, 104.1904



89.0210, 95.8190, 93.1642

Split Complementary

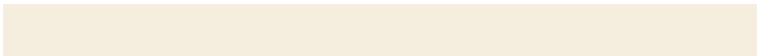
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.5715, 85.3699, 86.6100



83.1627, 85.3699, 104.1904



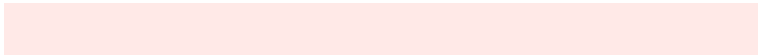
81.2933, 85.3699, 81.2478

Square

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



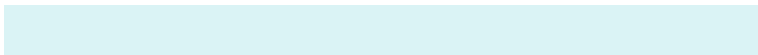
83.1627, 85.3699, 104.1904



84.9758, 85.3699, 87.3296



79.1534, 85.3699, 82.5547



77.4244, 85.3699, 98.8134

Rectangle

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



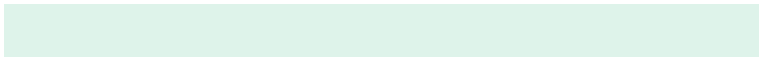
83.1627, 85.3699, 104.1904



85.3944, 85.3699, 95.5289



79.1534, 85.3699, 82.5547



77.0323, 85.3699, 90.4244

Sweetspot

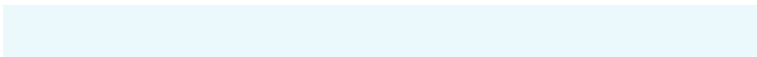
The Sweet Spot groups the original color and five complimentary colors.



83.1652, 85.3735, 104.1923



91.9361, 96.0114, 108.2943



86.0619, 92.6562, 105.4453



19.7107, 20.5922, 23.1858



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.



83.1652, 85.3735, 104.1923



83.0453, 84.6580, 106.5714



85.9033, 86.7851, 104.3204



16.5863, 16.7994, 21.7537



9.8576, 4.0245, 48.2308



0.9919, 0.4134, 4.4707

Inverse Universe

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



87.2423, 87.5298, 101.9238



88.2748, 87.4242, 103.6368



86.2519, 94.3916, 93.0346



17.8454, 17.4655, 21.0417



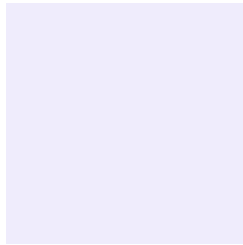
26.6912, 13.0922, 31.4118



2.5069, 1.2265, 3.0926

Previews

White Background



This preview shows how the XYZ color 83.1627, 85.3699, 104.1904 looks on a white background.

Color Contrast Check

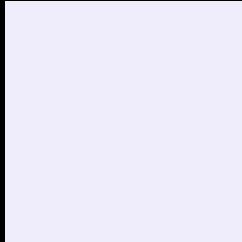
Large Text (above 18pt) WCAG AA × Fail

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 83.1627, 85.3699, 104.1904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

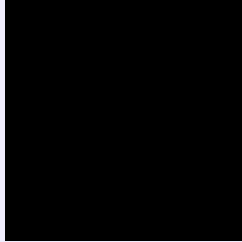
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.1627, 85.3699, 104.1904

Background



This preview shows how black text looks on a background with the XYZ color 83.1627, 85.3699, 104.1904.



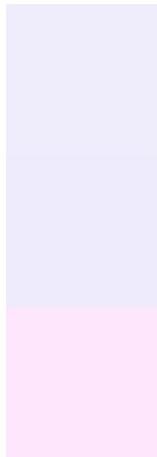
This preview shows how white text looks on a background with the XYZ color 83.1627, 85.3699,

104.1904.

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

83.1627, 85.3699, 104.1904

Protanopia

82.8260, 85.1963, 104.1746

Deuteranopia

87.1786, 85.3145, 104.8010



Tritanopia

83.4814, 85.4974, 105.8686

Trichromacy



Original Color

83.1627, 85.3699, 104.1904

Protanomaly

82.8260, 85.1963, 104.1746

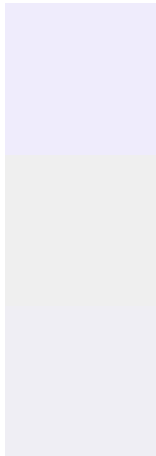
Deuteranomaly

85.9355, 85.5094, 104.9042

Tritanomaly

83.3217, 85.4335, 105.0273

Monochromacy



Original Color

83.1627, 85.3699, 104.1904

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.5003, 86.0314, 97.8454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.1627, 85.3699, 104.1904 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, 236, 252) looks like.

```
.text, #text, p{  
    color:rgb(239, 236, 252)  
}
```

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, 236, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 236, 252) }
```

Border

The CSS property to change the border of an element to XYZ 83.1627, 85.3699, 104.1904 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, 236, 252) }
```


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

```
.border{ border-color:rgb(239, 236, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 236, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 236, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 236, 252);  
box-shadow:4px 4px 4px 4px rgb(239, 236,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 83.1627, 85.3699, 104.1904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 236, 252) }
```

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

```
.background{ background-color: rgb(239,  
236, 252) }
```

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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