

Converting Colors

XYZ(35.5802, 24.1764, 85.2293)

Have a look what the booklet for
XYZ(35.5802, 24.1764, 85.2293)
contains.

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Color

**XYZ(35.5802, 24.1764,
85.2293)**

Conversions

Conversions Part 1

Format	Color
Hex	A16AF0
RGB	161, 106, 240
RGB Percent	63%, 42%, 94%
CMY	0.3686, 0.5843, 0.0588
CMYK	0.33, 0.56, 0.00, 0.06
HSL	265°, 82%, 68%
HSV	265°, 56%, 94%
XYZ	35.5802, 24.1764, 85.2293
YIQ	137.7210, -10.2340, 53.3340

Conversions

Conversions Part 2

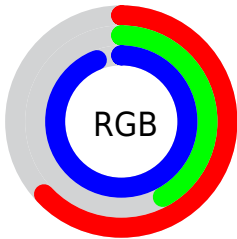
Format	Color
R _Y B	161, 106, 240
Decimal	10578672
CIE _{Lab}	56.26, 48.87, -59.73
CIE _{LCh}	56, 77.172, 309.290
Y _{xy}	24.1764, 0.2454, 0.1668
Android (android.graphics.Color)	4288768752 (0xFFA16AF0)
Y _{UV}	137.7210, 50.4235, 20.4157
Hunter-Lab	49.1695, 43.1201, -68.3533

Details

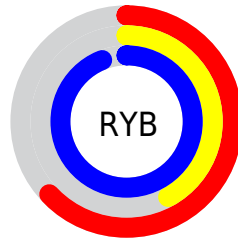
The XYZ color **35.5802, 24.1764, 85.2293** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **53.7692, 73.6753, 25.0231**, and the grayscale version is **23.8693, 25.1123, 27.3473**.

A 20% lighter version of the original color is **59.6616, 47.0763, 100.5499**, and **15.6224, 9.0943, 45.7317** is the 20% darker color. If you saturate the color by 10%, you get **30.7523, 18.5158, 84.3916**, and if you desaturate by 10%, it is **41.4247, 31.3888, 86.3139**.

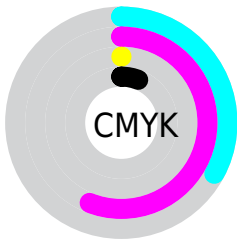
Distribution



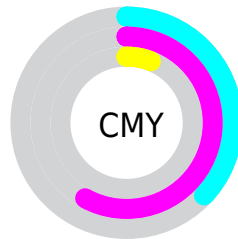
- Red (63%)
- Green (42%)
- Blue (94%)



- Red (63%)
- Yellow (42%)
- Blue (94%)



- Cyan (33%)
- Magenta (56%)
- Yellow (0%)
- Black (6%)





- Cyan (37%)
- Magenta (58%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5802, 24.1764, 85.2293 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 35.5802, 24.1764, 85.2293 by changing the saturation by 10% instead.

 35.5802, 24.1764,
85.2293


 35.5802, 24.1764,
85.2293

318.5853,
273.7111, 532.5509


 24.2788, 15.4645,
63.4796

 67.7117, 50.3179,
142.5705


 15.6664, 9.1460,
45.7858


 89.2725, 68.5163,
178.9991

 9.3777, 4.8366,
31.7294


 114.9838, 90.6457,
221.1578

 5.0475, 2.1517,
20.8918

 145.2110,
117.0905, 269.4650

 2.3102, 0.6935,
12.8545

180.3194,
148.2350, 324.3394

 0.7999, 0.0000,
7.1989

220.6743,

 0.0000, 0.0000,

184.4637, 386.1995

3.5064

266.6411,
226.1609, 455.4638

■ 0.0000, 0.0000,
1.3587

■ 0.0000, 0.0000,
0.1092

■ 35.5802, 24.1764,
85.2293

■ 35.5802, 24.1764,
85.2293

■ 30.7523, 18.5158,
84.3916

■ 41.4247, 31.3888,
86.3139

■ 26.8680, 14.2803,
83.7788

■ 48.3454, 40.2607,
87.6615

■ 23.8475, 11.3262,
83.3678

■ 56.4006, 50.8928,
89.2892

■ 21.5933, 9.4760,
83.1295

■ 65.6431, 63.3772,
91.2118

■ 20.8207, 8.9165,
83.0622

■ 76.1223, 77.7990,
93.4432

■ 87.8846, 94.2383,
95.9963

■ 92.7283, 99.0713,
96.6739

Harmonies

Analogous

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



25.8479, 24.1764, 110.1172



35.5802, 24.1764, 85.2293



42.9433, 24.1764, 47.6874

Triad

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



35.5802, 24.1764, 85.2293



29.5635, 24.1764, 1.9591



9.9088, 24.1764, 35.0365

Complementary

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



35.5802, 24.1764, 85.2293



53.7692, 73.6753, 25.0231

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.



10.4194, 24.1764, 12.5384



35.5802, 24.1764, 85.2293



20.3305, 24.1764, 1.5463

Square

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



35.5802, 24.1764, 85.2293



38.8944, 24.1764, 5.9098



13.7715, 24.1764, 3.7147



12.1329, 24.1764, 71.0370

Rectangle

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



35.5802, 24.1764, 85.2293



44.6375, 24.1764, 26.9346



13.7715, 24.1764, 3.7147



9.7822, 24.1764, 25.7227

Sweetspot

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



35.5812, 24.1773, 85.2299



73.9609, 70.8633, 104.3876



39.3159, 44.6427, 88.9833



15.3565, 14.5236, 22.2439



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.



35.5812, 24.1773, 85.2299



34.6114, 20.4813, 96.7368



52.4353, 32.8659, 86.0186



15.5117, 15.5455, 19.9046



11.5399, 4.9544, 45.4760



1.0702, 0.4690, 3.7883

Inverse Universe

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



49.8465, 32.3366, 49.5127



53.1654, 31.1213, 49.0330



41.4249, 67.3116, 24.4454



16.1638, 15.9152, 18.4187



22.3910, 11.2288, 15.2412



1.9120, 0.9539, 1.5275

Previews

White Background



This preview shows how the XYZ color 35.5802, 24.1764, 85.2293 looks on a white background.

Color Contrast Check

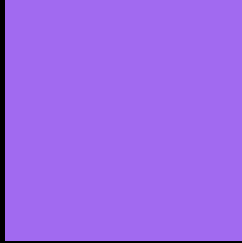
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5802, 24.1764, 85.2293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

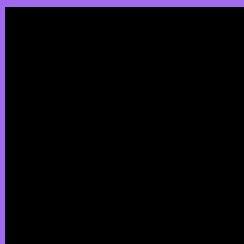
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.5802, 24.1764, 85.2293

Background



This preview shows how black text looks on a background with the XYZ color 35.5802, 24.1764, 85.2293.



This preview shows how white text looks on a background with the XYZ color 35.5802, 24.1764,

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

35.5802, 24.1764, 85.2293

Protanopia

28.4131, 24.6108, 97.8606

Deuteranopia

25.3428, 24.4187, 81.2195



Tritanopia

24.2891, 24.2063, 28.9833

Trichromacy



Original Color

35.5802, 24.1764, 85.2293



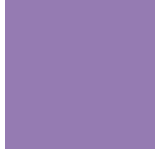
Protanomaly

29.5817, 23.5879, 93.4363



Deuteranomaly

27.1933, 23.1563, 82.3932



Tritanomaly

27.5133, 23.7698, 45.2574

Monochromacy



Original Color

35.5802, 24.1764, 85.2293



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

27.0528, 24.1278, 43.7887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5802, 24.1764, 85.2293 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(161, 106, 240)` looks like.

```
.text, #text, p{  
    color:rgb(161, 106, 240)  
}
```

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(161, 106, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 106, 240) }
```

Border

The CSS property to change the border of an element to XYZ 35.5802, 24.1764, 85.2293 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(161, 106, 240) }
```


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

```
.border{ border-color:rgb(161, 106, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 106, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 106, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 106, 240);  
box-shadow:4px 4px 4px 4px rgb(161, 106,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5802, 24.1764, 85.2293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 106, 240) }
```

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

```
.background{ background-color: rgb(161,  
106, 240) }
```

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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