

Converting Colors

XYZ(60.5604, 31.8368, 94.8879)

Have a look what the booklet for
XYZ(60.5604, 31.8368, 94.8879)
contains.

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Color

**XYZ(60.5882, 31.8433,
95.0485)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3FFC
RGB	255, 63, 252
RGB Percent	100%, 25%, 99%
CMY	0.0000, 0.7529, 0.0118
CMYK	0.00, 0.75, 0.01, 0.00
HSL	301°, 100%, 62%
HSV	301°, 75%, 100%
XYZ	60.5882, 31.8433, 95.0485
YIQ	141.9540, 53.7630, 99.4830

Conversions

Conversions Part 2

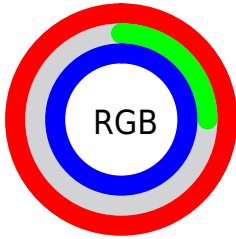
Format	Color
R _{YB}	255, 63, 252
Decimal	16728060
CIE _{Lab}	63.21, 88.88, -54.57
CIE _{LCh}	63, 104.294, 328.452
Y _{xy}	31.8433, 0.3232, 0.1698
Android (android.graphics.Color)	4294918140 (0xFFFF3FFC)
Y _{UV}	141.9540, 54.2527, 99.1413
Hunter-Lab	56.4299, 92.9014, -60.3651

Details

The XYZ color **60.5882, 31.8433, 95.0485** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **38.7942, 72.9706, 17.1958**, and the grayscale version is **25.4727, 26.7992, 29.1844**.

A 20% lighter version of the original color is **67.2726, 44.4453, 99.6409**, and **32.0985, 15.4095, 52.9123** is the 20% darker color. If you saturate the color by 10%, you get **59.4252, 29.6182, 94.3501**, and if you desaturate by 10%, it is **62.4058, 35.3771, 95.9666**.

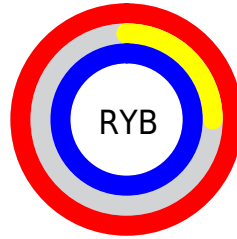
Distribution



Red (100%)

Green (25%)

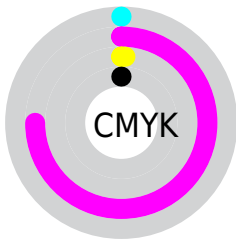
Blue (99%)



Red (100%)

Yellow (25%)

Blue (99%)

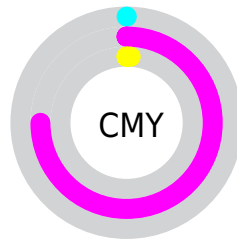


Cyan (0%)

Magenta (75%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5882, 31.8433, 95.0485 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 60.5882, 31.8433, 95.0485 by changing the saturation by 10% instead.


 60.5882, 31.8433,
95.0485


 60.5882, 31.8433,
95.0485


416.5626,
310.4048, 565.3085


 44.1442, 21.2418,
71.5782

 104.7840, 62.5654,
156.3278

 30.9823, 13.3009,
52.3295


 133.2664, 83.4547,
194.9738


 20.7371, 7.6361,
36.8837


 166.4924,
108.5422, 239.5156

 13.0433, 3.8630,
24.8224

 204.8272,
138.2122, 290.3716

 7.5356, 1.5972,
15.7270

 248.6363,
172.8490, 347.9603

 3.8485, 0.3557,
9.1789

298.2850,

 1.6168, 0.0000,

212.8371, 412.7004

4.7596

354.1386,
258.5609, 485.0103

■ 0.4033, 0.0000,
2.0507

■ 0.0000, 0.0000,
0.5862

■ 60.5882, 31.8433,
95.0485

■ 60.5882, 31.8433,
95.0485

■ 59.4252, 29.6182,
94.3501

■ 62.4058, 35.3771,
95.9666

■ 58.8163, 28.5011,
93.8366

■ 64.9558, 40.3759,
97.1291

■ 58.6551, 28.2261,
93.6368

■ 68.3075, 46.9777,
98.5594

■ 72.5214, 55.3038,
100.2779

■ 77.6524, 65.4637,
102.3026

■ 83.7506, 77.5579,
104.6505

■ 90.8627, 91.6796,
107.3369

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



45.4956, 31.8433, 161.8924



60.5882, 31.8433, 95.0485



67.3182, 31.8433, 36.8629

Triad

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



60.5882, 31.8433, 95.0485



31.0218, 31.8433, 0.3309



11.8437, 31.8433, 87.9509

Complementary

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



60.5882, 31.8433, 95.0485



38.7942, 72.9706, 17.1958

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.



10.1453, 31.8433, 32.5695



60.5882, 31.8433, 95.0485



18.8823, 31.8433, 1.2301

Square

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



60.5882, 31.8433, 95.0485



47.2203, 31.8433, 1.4767



12.2492, 31.8433, 7.5059



17.9503, 31.8433, 155.9699

Rectangle

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



60.5882, 31.8433, 95.0485



64.9347, 31.8433, 15.1186



12.2492, 31.8433, 7.5059



10.8439, 31.8433, 66.3777

Sweetspot

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



60.5889, 31.8445, 95.0491



78.9618, 68.0591, 102.8112



21.8786, 11.8333, 95.7387



16.4639, 13.7010, 21.8358



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.



60.5889, 31.8445, 95.0491



59.0764, 28.9680, 94.0875



49.2765, 27.3195, 35.4793



18.7797, 18.2952, 22.7231



30.6542, 14.7510, 48.9568



2.9885, 1.4378, 4.7867

Inverse Universe

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



60.5889, 31.8445, 95.0491



59.0764, 28.9680, 94.0875



44.0690, 75.0805, 44.9726



18.7797, 18.2952, 22.7231



30.6542, 14.7510, 48.9568



2.9885, 1.4378, 4.7867

Previews

White Background



This preview shows how the XYZ color 60.5882, 31.8433, 95.0485 looks on a white background.

Color Contrast Check

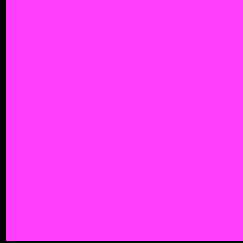
Large Text (above 18pt) WCAG AA × Fail

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 60.5882, 31.8433, 95.0485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

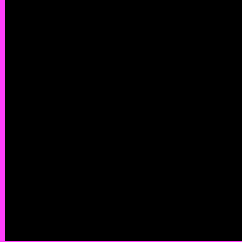
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5882, 31.8433, 95.0485

Background



This preview shows how black text looks on a background with the XYZ color 60.5882, 31.8433, 95.0485.



This preview shows how white text looks on a background with the XYZ color 60.5882, 31.8433,

95.0485.

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

60.5882, 31.8433, 95.0485

Protanopia

35.0198, 32.1585, 98.9692

Deuteranopia

33.1556, 32.2026, 86.1296



Tritanopia

45.1195, 31.4697, 21.4655

Trichromacy



Original Color

60.5882, 31.8433, 95.0485



Protanomaly

39.0658, 27.6897, 97.0516



Deuteranomaly

37.7435, 27.5417, 88.9147



Tritanomaly

48.7268, 30.2450, 40.3155

Monochromacy



Original Color

60.5882, 31.8433, 95.0485



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

33.8771, 25.2549, 47.3451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5882, 31.8433, 95.0485 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(255, 63, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 63, 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(255, 63, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 63, 252) }
```

Border

The CSS property to change the border of an element to XYZ 60.5882, 31.8433, 95.0485 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(255, 63, 252) }
```


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

```
.border{ border-color:rgb(255, 63, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 63, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 63, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 63, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 63,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5882, 31.8433, 95.0485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 63, 252) }
```

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

```
.background{ background-color: rgb(255, 63,  
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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