

Converting Colors

XYZ(18.2286, 17.8435, 32.1891)

Have a look what the booklet for
XYZ(18.2286, 17.8435, 32.1891)
contains.

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Color

**XYZ(18.2286, 17.8435,
32.1891)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7398
RGB	110, 115, 152
RGB Percent	43%, 45%, 60%
CMY	0.5686, 0.5490, 0.4039
CMYK	0.28, 0.24, 0.00, 0.40
HSL	233°, 17%, 51%
HSV	233°, 28%, 60%
XYZ	18.2286, 17.8435, 32.1891
YIQ	117.7230, -14.8570, 10.4470

Conversions

Conversions Part 2

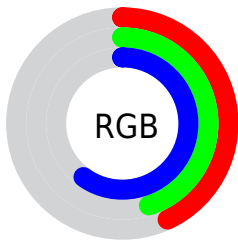
Format	Color
R_{YB}	110, 114, 152
Decimal	7238552
CIE _{Lab}	49.31, 6.85, -20.64
CIE _{LCh}	49, 21.745, 288.367
Yxy	17.8435, 0.2670, 0.2614
Android (android.graphics.Color)	4285428632 (0xFF6E7398)
YUV	117.7230, 16.8986, -6.7731
Hunter-Lab	42.2416, 3.1058, -15.6113

Details

The XYZ color **18.2286, 17.8435, 32.1891** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **26.1972, 28.6685, 18.9051**, and the grayscale version is **17.0860, 17.9758, 19.5757**.

A 20% lighter version of the original color is **39.8596, 39.7750, 63.9690**, and **6.2806, 5.9460, 13.1286** is the 20% darker color. If you saturate the color by 10%, you get **15.0797, 14.1161, 31.6359**, and if you desaturate by 10%, it is **21.9250, 22.1832, 32.8322**.

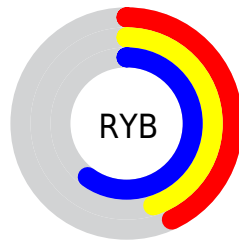
Distribution



Red (43%)

Green (45%)

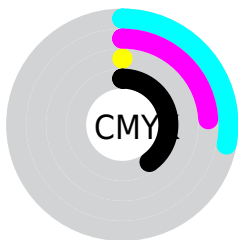
Blue (60%)



Red (43%)

Yellow (45%)

Blue (60%)

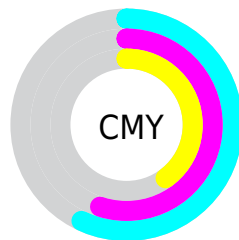


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (40%)



Cyan (57%)

Magenta (55%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2286, 17.8435, 32.1891 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 18.2286, 17.8435, 32.1891 by changing the saturation by 10% instead.

■ 18.2286, 17.8435,
32.1891

■ 18.2286, 17.8435,
32.1891

235.1771,
239.9875, 326.4990

■ 11.2149, 10.8377,
21.2400

■ 39.9535, 39.7705,
64.2088

■ 6.2799, 5.9578,
13.1066

■ 55.3954, 55.4604,
86.1164

■ 3.0583, 2.8194,
7.3704

■ 74.3775, 74.8139,
112.5139

■ 1.1847, 1.0382,
3.6129

■ 97.2650, 98.2152,
143.8199

■ 0.0942, 0.0000,
1.4155

124.4234,
126.0489, 180.4528

■ 0.0000, 0.0000,
0.1537

156.2180,

■ 0.0000, 0.0000,

158.6992, 222.8313

0.0000

193.0141,
196.5506, 271.3738

■ 18.2286, 17.8435,
32.1891

■ 18.2286, 17.8435,
32.1891

■ 15.0797, 14.1161,
31.6359

■ 21.9250, 22.1832,
32.8322

■ 12.4503, 10.9713,
31.1675

■ 26.1913, 27.1588,
33.5678

■ 10.3128, 8.3800,
30.7800

■ 31.0510, 32.7955,
34.3996

■ 8.6364, 6.3099,
30.4688

■ 36.5257, 39.1162,
35.3311

■ 7.3864, 4.7253,
30.2288

■ 42.6360, 46.1429,
36.3653

■ 6.5234, 3.5858,
30.0543

■ 49.4013, 53.8966,
37.5054

■ 5.9858, 2.8367,
29.9381

■ 56.8403, 62.3972,
38.7541

■ 5.8855, 2.7029,
29.9175

■ 64.9711, 71.6641,
40.1142

■ 73.8109, 81.7160,
41.5885

Harmonies

Analogous

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



16.1795, 17.8435, 32.6707



18.2286, 17.8435, 32.1891



20.0702, 17.8435, 27.9072

Triad

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



18.2286, 17.8435, 32.1891



19.7072, 17.8435, 12.1713



13.3940, 17.8435, 17.2461

Complementary

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



18.2286, 17.8435, 32.1891



26.1972, 28.6685, 18.9051

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.



14.1884, 17.8435, 12.8688



18.2286, 17.8435, 32.1891



17.7646, 17.8435, 10.3574

Square

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



18.2286, 17.8435, 32.1891



20.9700, 17.8435, 16.0930



15.7511, 17.8435, 10.5840



13.4963, 17.8435, 23.1957

Rectangle

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



18.2286, 17.8435, 32.1891



20.8819, 17.8435, 23.8807



15.7511, 17.8435, 10.5840



13.5622, 17.8435, 15.5673

Sweetspot

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



18.2292, 17.8442, 32.1895



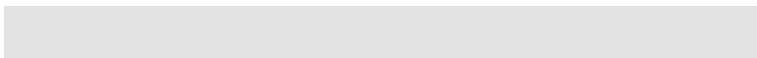
45.8090, 47.4482, 59.1777



22.8785, 27.8596, 31.5295



10.1567, 10.4876, 13.4065



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



18.2292, 17.8442, 32.1895



28.7217, 27.4148, 56.2115



19.7598, 17.8094, 32.1021



5.9408, 6.1390, 7.8008



4.9479, 2.2925, 25.0894



0.0875, 0.0614, 0.3796

Inverse Universe

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



21.6198, 19.0655, 18.7610



35.7271, 30.0367, 28.4445



24.2941, 28.8672, 19.0438



6.2372, 6.2341, 6.6294



10.9562, 5.6367, 1.0287



0.1706, 0.0870, 0.0514

Previews

White Background



This preview shows how the XYZ color 18.2286, 17.8435, 32.1891 looks on a white 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

Black Background



This preview shows how the XYZ color 18.2286, 17.8435, 32.1891 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 18.2286, 17.8435, 32.1891

Background



This preview shows how black text looks on a background with the XYZ color 18.2286, 17.8435, 32.1891.



This preview shows how white text looks on a background with the XYZ color 18.2286, 17.8435,

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

18.2286, 17.8435, 32.1891

Protanopia

18.0586, 17.9165, 32.6434

Deuteranopia

18.2286, 17.8435, 32.1891



Tritanopia

16.3850, 17.7819, 23.3375

Trichromacy



Original Color

18.2286, 17.8435, 32.1891

Protanomaly

18.1795, 17.9788, 32.6491

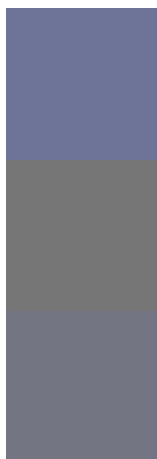
Deuteranomaly

18.2286, 17.8435, 32.1891

Tritanomaly

17.0572, 17.8888, 26.2208

Monochromacy



Original Color

18.2286, 17.8435, 32.1891

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.4608, 17.9791, 23.6691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2286, 17.8435, 32.1891 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(110, 115, 152)` looks like.

```
.text, #text, p{  
    color:rgb(110, 115, 152)  
}
```

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(110, 115, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 115, 152) }
```

Border

The CSS property to change the border of an element to XYZ 18.2286, 17.8435, 32.1891 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(110, 115, 152) }
```


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

```
.border{ border-color:rgb(110, 115, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 115, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 115, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 115, 152);  
box-shadow:4px 4px 4px 4px rgb(110, 115,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2286, 17.8435, 32.1891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 115, 152) }
```

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

```
.background{ background-color: rgb(110,  
115, 152) }
```

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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