

Converting Colors

XYZ(18.7897, 14.6551, 53.0607)

Have a look what the booklet for
XYZ(18.7897, 14.6551, 53.0607)
contains.

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Color

**XYZ(18.7596, 14.6208,
52.8723)**

Conversions

Conversions Part 1

Format	Color
Hex	615FC2
RGB	97, 95, 194
RGB Percent	38%, 37%, 76%
CMY	0.6196, 0.6274, 0.2392
CMYK	0.50, 0.51, 0.00, 0.24
HSL	241°, 45%, 57%
HSV	241°, 51%, 76%
XYZ	18.7596, 14.6208, 52.8723
YIQ	106.8840, -30.5870, 31.2130

Conversions

Conversions Part 2

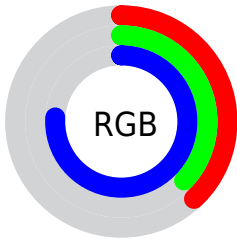
Format	Color
R_{YB}	97, 95, 194
Decimal	6381506
CIE _{Lab}	45.11, 27.71, -51.84
CIE _{LCh}	45, 58.778, 298.126
Y _{xy}	14.6208, 0.2175, 0.1695
Android (android.graphics.Color)	4284571586 (0xFF615FC2)
YUV	106.8840, 42.9482, -8.6683
Hunter-Lab	38.2372, 20.6592, -55.2170

Details

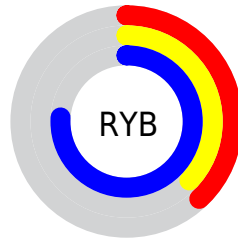
The XYZ color **18.7596, 14.6208, 52.8723** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted purple. A complement of this color would be **43.0948, 50.6160, 18.3252**, and the grayscale version is **13.8346, 14.5550, 15.8504**.

A 20% lighter version of the original color is **40.6749, 33.9881, 95.6834**, and **6.5949, 4.4834, 25.3287** is the 20% darker color. If you saturate the color by 10%, you get **15.4364, 10.6287, 52.2772**, and if you desaturate by 10%, it is **23.0044, 19.7342, 53.6359**.

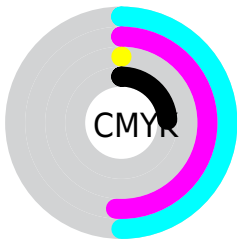
Distribution



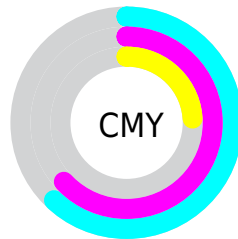
- Red (38%)
- Green (37%)
- Blue (76%)



- Red (38%)
- Yellow (37%)
- Blue (76%)



- Cyan (50%)
- Magenta (51%)
- Yellow (0%)
- Black (24%)



- Cyan (62%)
- Magenta (63%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7596, 14.6208, 52.8723 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 18.7596, 14.6208, 52.8723 by changing the saturation by 10% instead.

■ 18.7596, 14.6208,
52.8723

■ 18.7596, 14.6208,
52.8723

238.0821,
221.0594, 414.8474

■ 11.5997, 8.5537,
37.3138

■ 40.8475, 34.1866,
95.8561

■ 6.5420, 4.4512,
25.1529

■ 56.5062, 48.4540,
124.1184

■ 3.2211, 1.9290,
15.9709

■ 75.7285, 66.2237,
157.4525

■ 1.2717, 0.5658,
9.3494

■ 98.8798, 87.8800,
196.2768

■ 0.1619, 0.0000,
4.8699

126.3255,
113.8073, 241.0099

■ 0.0000, 0.0000,
2.1137

158.4308,

■ 0.0000, 0.0000,

144.3901, 292.0704

0.6239

195.5612,
180.0126, 349.8767

■ 0.0000, 0.0000,
0.0000

■ 18.7596, 14.6208,
52.8723

■ 18.7596, 14.6208,
52.8723

■ 15.4364, 10.6287,
52.2772

■ 23.0044, 19.7342,
53.6359

■ 12.9646, 7.6724,
51.8369

■ 28.2301, 26.0428,
54.5781

■ 11.2675, 5.6566,
51.5372

■ 34.4934, 33.6160,
55.7098

■ 10.2531, 4.4677,
51.3612

■ 41.8460, 42.5175,
57.0404

■ 9.7868, 3.9204,
51.2801

■ 50.3363, 52.8067,
58.5790

■ 60.0096, 64.5392,
60.3337

■ 70.9091, 77.7679,
62.3127

■ 83.0753, 92.5428,
64.5233

■ 86.7377, 96.6751,
65.1278

Harmonies

Analogous

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



13.5946, 14.6208, 60.1548



18.7596, 14.6208, 52.8723



23.3884, 14.6208, 34.5400

Triad

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



18.7596, 14.6208, 52.8723



19.4107, 14.6208, 2.3202



6.5182, 14.6208, 15.0640

Complementary

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



18.7596, 14.6208, 52.8723



43.0948, 50.6160, 18.3252

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.



7.3990, 14.6208, 5.5881



18.7596, 14.6208, 52.8723



14.2031, 14.6208, 1.3787

Square

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



18.7596, 14.6208, 52.8723



23.8215, 14.6208, 6.3733



9.9563, 14.6208, 2.0871



7.2009, 14.6208, 32.0717

Rectangle

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



18.7596, 14.6208, 52.8723



25.1332, 14.6208, 22.0551



9.9563, 14.6208, 2.0871



6.6361, 14.6208, 11.0426

Sweetspot

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



18.7602, 14.6213, 52.8727



69.9633, 69.9453, 102.2831



33.3838, 44.1814, 57.8076



14.6967, 14.5612, 22.2859



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.



18.7602, 14.6213, 52.8727



27.4838, 18.6776, 94.6264



25.7108, 18.2044, 53.1980



9.5467, 9.7575, 12.6650



6.4429, 2.5819, 33.7154



0.2850, 0.1150, 1.4571

Inverse Universe

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



35.8546, 23.4596, 52.5054



61.8693, 36.4607, 93.6713



32.6593, 45.2364, 17.8368



10.4882, 10.2439, 12.6615



20.7473, 9.9887, 32.9111



0.8993, 0.4327, 1.4370

Previews

White Background



This preview shows how the XYZ color 18.7596, 14.6208, 52.8723 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 18.7596, 14.6208, 52.8723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

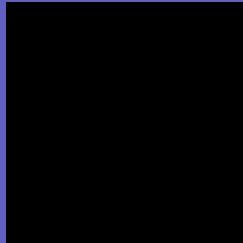
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 18.7596, 14.6208, 52.8723

Background



This preview shows how black text looks on a background with the XYZ color 18.7596, 14.6208, 52.8723.



This preview shows how white text looks on a background with the XYZ color 18.7596, 14.6208,

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

18.7596, 14.6208, 52.8723

Protanopia

16.8762, 14.6686, 57.8190

Deuteranopia

15.0758, 14.6461, 51.3226



Tritanopia

12.3196, 14.7113, 20.6026

Trichromacy



Original Color

18.7596, 14.6208, 52.8723

Protanomaly

17.2499, 14.4668, 55.9160

Deuteranomaly

15.6313, 14.1592, 51.7783

Tritanomaly

14.0666, 14.2852, 30.0329

Monochromacy



Original Color

18.7596, 14.6208, 52.8723

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

15.1040, 14.4481, 26.4188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7596, 14.6208, 52.8723 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(97, 95, 194)` looks like.

```
.text, #text, p{  
    color:rgb(97, 95, 194)  
}
```

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(97, 95, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 95, 194) }
```

Border

The CSS property to change the border of an element to XYZ 18.7596, 14.6208, 52.8723 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(97, 95, 194) }
```


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

```
.border{ border-color:rgb(97, 95, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 95, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 95, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 95, 194);  
box-shadow:4px 4px 4px 4px rgb(97, 95,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7596, 14.6208, 52.8723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 95, 194) }
```

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

```
.background{ background-color: rgb(97, 95,  
194) }
```

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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