

Converting Colors

XYZ(17.5798, 18.4187, 54.4719)

Have a look what the booklet for
XYZ(17.5798, 18.4187, 54.4719)
contains.

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Color

**XYZ(17.5605, 18.4294,
54.2614)**

Conversions

Conversions Part 1

Format	Color
Hex	217BC3
RGB	33, 123, 195
RGB Percent	13%, 48%, 76%
CMY	0.8705, 0.5176, 0.2353
CMYK	0.83, 0.37, 0.00, 0.24
HSL	207°, 71%, 45%
HSV	207°, 83%, 76%
XYZ	17.5605, 18.4294, 54.2614
YIQ	104.2980, -76.7520, 3.3120

Conversions

Conversions Part 2

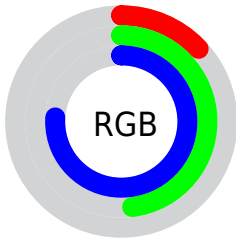
Format	Color
R_{YB}	33, 91, 195
Decimal	2194371
CIE Lab	50.01, 0.24, -44.75
CIE LCh	50, 44.750, 270.304
Yxy	18.4294, 0.1946, 0.2042
Android (android.graphics.Color)	4280384451 (0xFF217BC3)
YUV	104.2980, 44.7161, -62.5283
Hunter-Lab	42.9295, -2.1103, -44.8899

Details

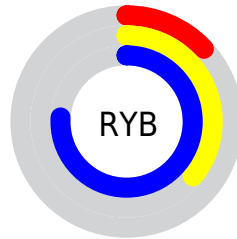
The XYZ color **17.5605, 18.4294, 54.2614** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **27.8338, 21.8185, 4.1845**, and the grayscale version is **13.1381, 13.8223, 15.0525**.

A 20% lighter version of the original color is **38.8445, 40.7524, 97.9141**, and **7.3238, 6.9552, 26.1558** is the 20% darker color. If you saturate the color by 10%, you get **16.0791, 16.1398, 53.8979**, and if you desaturate by 10%, it is **19.4997, 21.0968, 54.6745**.

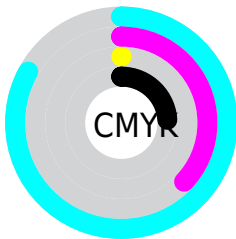
Distribution



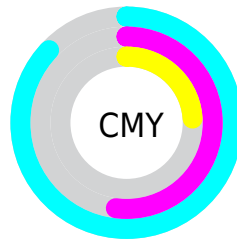
- Red (13%)
- Green (48%)
- Blue (76%)



- Red (13%)
- Yellow (36%)
- Blue (76%)



- Cyan (83%)
- Magenta (37%)
- Yellow (0%)
- Black (24%)



- Cyan (87%)
- Magenta (52%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5605, 18.4294, 54.2614 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 17.5605, 18.4294, 54.2614 by changing the saturation by 10% instead.

■ 17.5605, 18.4294,
54.2614

■ 17.5605, 18.4294,
54.2614

231.4758,
243.2803, 420.3088

■ 10.7327, 11.2587,
38.4161

■ 38.8230, 40.7677,
97.9182

■ 5.9533, 6.2411,
26.0015

■ 53.9883, 56.7040,
126.5668

■ 2.8571, 2.9923,
16.5990

■ 72.6636, 76.3311,
160.3202

■ 1.0787, 1.1277,
9.7900

■ 95.2141, 100.0332,
199.5970

■ 0.0071, 0.0014,
5.1562

■ 122.0052,
128.1948, 244.8157

■ 0.0000, 0.0000,
2.2789

153.4023,

■ 0.0000, 0.0000,

161.2003, 296.3949

0.7193

189.7707,
199.4340, 354.7531

■ 0.0000, 0.0000,
0.0000

■ 17.5605, 18.4294,
54.2614

■ 17.5605, 18.4294,
54.2614

■ 16.0791, 16.1398,
53.8979

■ 19.4997, 21.0968,
54.6745

■ 15.2474, 14.7341,
53.6705

■ 21.9514, 24.1731,
55.1390

■ 24.9639, 27.6867,
55.6584

■ 28.5789, 31.6624,
56.2353

■ 32.8337, 36.1227,
56.8720

■ 37.7624, 41.0881,
57.5706

■ 43.3965, 46.5780,
58.3333

■ 49.7655, 52.6104,
59.1620

■ 56.8971, 59.2024,
60.0585

Harmonies

Analogous

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



13.7330, 18.4294, 48.4493



17.5605, 18.4294, 54.2614



22.0266, 18.4294, 48.2235

Triad

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



17.5605, 18.4294, 54.2614



25.6647, 18.4294, 10.3359



11.2735, 18.4294, 10.4764

Complementary

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



17.5605, 18.4294, 54.2614



27.8338, 21.8185, 4.1845

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.



13.6685, 18.4294, 5.7832



17.5605, 18.4294, 54.2614



21.9382, 18.4294, 5.7286

Square

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



17.5605, 18.4294, 54.2614



27.1491, 18.4294, 19.9411



17.4728, 18.4294, 4.4839



10.4837, 18.4294, 20.1924

Rectangle

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



17.5605, 18.4294, 54.2614



24.6764, 18.4294, 39.2988



17.4728, 18.4294, 4.4839



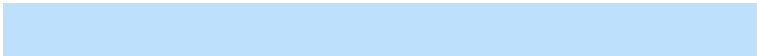
11.8959, 18.4294, 8.4273

Sweetspot

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



17.5612, 18.4300, 54.2619



65.4748, 71.4441, 102.8090



22.6017, 40.3376, 19.4819



13.6372, 14.9413, 22.4152



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.



17.5612, 18.4300, 54.2619



27.0553, 25.8832, 96.0398



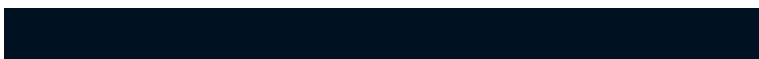
11.3720, 6.0514, 52.1988



9.9818, 10.6550, 12.8153



9.9949, 9.7462, 34.9110



0.4997, 0.5568, 1.5310

Inverse Universe

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



26.6254, 14.1209, 20.0616



45.0594, 22.6801, 26.9065



39.9630, 46.0769, 8.2275



10.3021, 10.1695, 11.6816



16.4409, 8.2661, 10.2339



0.7446, 0.3709, 0.6226

Previews

White Background



This preview shows how the XYZ color 17.5605, 18.4294, 54.2614 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 17.5605, 18.4294, 54.2614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

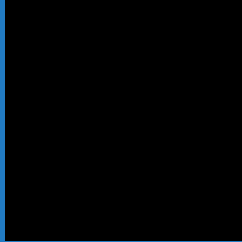
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.5605, 18.4294, 54.2614

Background



This preview shows how black text looks on a background with the XYZ color 17.5605, 18.4294, 54.2614.



This preview shows how white text looks on a background with the XYZ color 17.5605, 18.4294,

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

17.5605, 18.4294, 54.2614

Protanopia

19.7451, 18.3891, 50.6529

Deuteranopia

18.8754, 18.3725, 54.7760



Tritanopia

13.0590, 18.4256, 28.0675

Trichromacy



Original Color

17.5605, 18.4294, 54.2614

Protanomaly

18.5266, 18.2573, 51.8378

Deuteranomaly

18.2558, 18.2307, 54.7812

Tritanomaly

14.4349, 18.3519, 36.4997

Monochromacy



Original Color

17.5605, 18.4294, 54.2614

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.3417, 14.7947, 25.8194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5605, 18.4294, 54.2614 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(33, 123, 195)` looks like.

```
.text, #text, p{  
    color:rgb(33, 123, 195)  
}
```

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(33, 123, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 123, 195) }
```

Border

The CSS property to change the border of an element to XYZ 17.5605, 18.4294, 54.2614 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(33, 123, 195) }
```


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

```
.border{ border-color:rgb(33, 123, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 123, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 123, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 123, 195);  
box-shadow:4px 4px 4px 4px rgb(33, 123,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5605, 18.4294, 54.2614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 123, 195) }
```

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

```
.background{ background-color: rgb(33, 123,  
195) }
```

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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