

Converting Colors

XYZ(17.5941, 17.2607, 54.2241)

Have a look what the booklet for
XYZ(17.5941, 17.2607, 54.2241)
contains.

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Color

**XYZ(17.5119, 17.1610,
54.0192)**

Conversions

Conversions Part 1

Format	Color
Hex	3474C3
RGB	52, 116, 195
RGB Percent	20%, 45%, 76%
CMY	0.7960, 0.5451, 0.2353
CMYK	0.73, 0.41, 0.00, 0.24
HSL	213°, 58%, 48%
HSV	213°, 73%, 76%
XYZ	17.5119, 17.1610, 54.0192
YIQ	105.8700, -63.5030, 11.0010

Conversions

Conversions Part 2

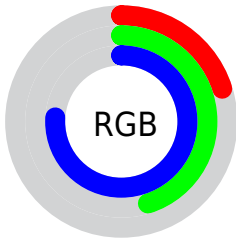
Format	Color
R _Y B	52, 96, 195
Decimal	3437763
CIE Lab	48.46, 6.66, -47.19
CIE LCh	48, 47.654, 278.031
Yxy	17.1610, 0.1974, 0.1935
Android (android.graphics.Color)	4281627843 (0xFF3474C3)
YUV	105.8700, 43.9411, -47.2440
Hunter-Lab	41.4258, 2.9619, -48.3159

Details

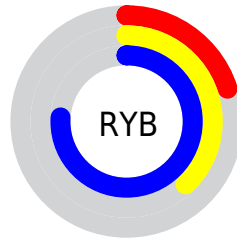
The XYZ color **17.5119, 17.1610, 54.0192** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **31.2434, 28.0853, 7.0243**, and the grayscale version is **13.5611, 14.2674, 15.5372**.

A 20% lighter version of the original color is **38.7758, 38.7465, 97.5306**, and **6.9358, 6.1793, 26.0265** is the 20% darker color. If you saturate the color by 10%, you get **15.5368, 14.4051, 53.5917**, and if you desaturate by 10%, it is **20.0468, 20.4197, 54.5150**.

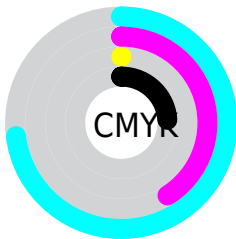
Distribution



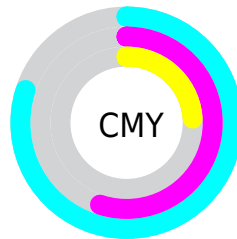
- Red (20%)
- Green (45%)
- Blue (76%)



- Red (20%)
- Yellow (38%)
- Blue (76%)



- Cyan (73%)
- Magenta (41%)
- Yellow (0%)
- Black (24%)



- Cyan (80%)
- Magenta (55%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5119, 17.1610, 54.0192 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 17.5119, 17.1610, 54.0192 by changing the saturation by 10% instead.

■ 17.5119, 17.1610,
54.0192

■ 17.5119, 17.1610,
54.0192

231.2045,
236.0985, 419.3599

■ 10.6977, 10.3493,
38.2237

■ 38.7405, 38.6024,
97.5591

■ 5.9297, 5.6312,
25.8532

■ 53.8856, 54.0009,
126.1407

■ 2.8426, 2.6221,
16.4891

■ 72.5383, 73.0305,
159.8213

■ 1.0711, 0.9378,
9.7128

■ 95.0641, 96.0756,
199.0196

■ 0.0007, 0.0000,
5.1058

■ 121.8282,
123.5205, 244.1540

■ 0.0000, 0.0000,
2.2497

153.1961,

■ 0.0000, 0.0000,

155.7497, 295.6432

0.7028

189.5331,
193.1476, 353.9057

■ 0.0000, 0.0000,
0.0000

■ 17.5119, 17.1610,
54.0192

■ 17.5119, 17.1610,
54.0192

■ 15.5368, 14.4051,
53.5917

■ 20.0468, 20.4197,
54.5150

■ 14.0598, 12.1123,
53.2270

■ 23.1895, 24.2123,
55.0814

■ 13.2802, 10.7998,
53.0148

■ 26.9848, 28.5687,
55.7222

■ 31.4723, 33.5156,
56.4406

■ 36.6881, 39.0778,
57.2393

■ 42.6658, 45.2784,
58.1210

■ 49.4368, 52.1393,
59.0884

■ 57.0304, 59.6810,
60.1439

■ 65.4748, 67.9234,
61.2898

Harmonies

Analogous

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



13.3686, 17.1610, 51.0135



17.5119, 17.1610, 54.0192



22.0471, 17.1610, 44.7309

Triad

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



17.5119, 17.1610, 54.0192



23.8547, 17.1610, 7.4447



9.7003, 17.1610, 11.0591

Complementary

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



17.5119, 17.1610, 54.0192



31.2434, 28.0853, 7.0243

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.



11.6676, 17.1610, 5.4276



17.5119, 17.1610, 54.0192



19.6563, 17.1610, 4.0839

Square

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



17.5119, 17.1610, 54.0192



26.1122, 17.1610, 15.5244



15.1663, 17.1610, 3.5604



9.3323, 17.1610, 22.2487

Rectangle

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



17.5119, 17.1610, 54.0192



24.5167, 17.1610, 34.5184



15.1663, 17.1610, 3.5604



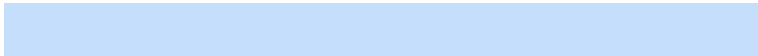
10.1771, 17.1610, 8.6302

Sweetspot

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



17.5126, 17.1615, 54.0196



66.7039, 71.0334, 102.6649



25.0053, 41.3902, 28.0214



14.0039, 14.9205, 22.3918



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.



17.5126, 17.1615, 54.0196



26.1307, 23.2264, 95.5757



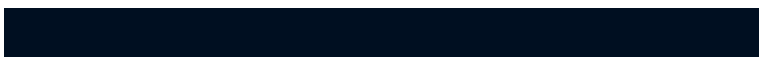
12.8919, 7.3317, 52.3658



9.8911, 10.4735, 12.7851



8.7127, 7.1819, 34.4837



0.4451, 0.4477, 1.5128

Inverse Universe

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



26.8867, 15.3200, 18.0633



44.7899, 23.3271, 23.1603



40.8377, 49.9510, 10.7391



10.2563, 10.1511, 11.4404



15.7938, 8.0073, 6.8259



0.7171, 0.3598, 0.4775

Previews

White Background



This preview shows how the XYZ color 17.5119, 17.1610, 54.0192 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 17.5119, 17.1610, 54.0192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

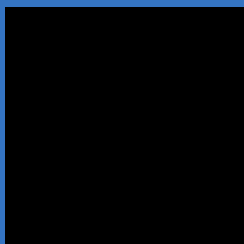
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

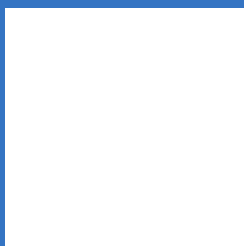
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5119, 17.1610, 54.0192

Background



This preview shows how black text looks on a background with the XYZ color 17.5119, 17.1610, 54.0192.



This preview shows how white text looks on a background with the XYZ color 17.5119, 17.1610,

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

17.5119, 17.1610, 54.0192

Protanopia

18.6778, 17.1438, 51.6149

Deuteranopia

17.6713, 17.2431, 54.0266



Tritanopia

12.1047, 16.9849, 26.3073

Trichromacy



Original Color

17.5119, 17.1610, 54.0192

Protanomaly

18.0181, 16.9556, 52.1923

Deuteranomaly

17.6170, 17.2152, 54.0241

Tritanomaly

13.5231, 16.7730, 34.8725

Monochromacy



Original Color

17.5119, 17.1610, 54.0192

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.0011, 14.9653, 26.1954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5119, 17.1610, 54.0192 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(52, 116, 195)` looks like.

```
.text, #text, p{  
    color:rgb(52, 116, 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(52, 116, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 116, 195) }
```

Border

The CSS property to change the border of an element to XYZ 17.5119, 17.1610, 54.0192 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(52, 116, 195) }
```


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

```
.border{ border-color:rgb(52, 116, 195) }
```

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

Here you see how a box with a 4 pixel rgb(52, 116, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 116, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 116, 195);  
box-shadow:4px 4px 4px 4px rgb(52, 116,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5119, 17.1610, 54.0192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 116, 195) }
```

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

```
.background{ background-color: rgb(52, 116,  
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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