

Converting Colors

XYZ(17.4249, 17.4852, 58.9574)

Have a look what the booklet for
XYZ(17.4249, 17.4852, 58.9574)
contains.

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Color

**XYZ(17.4514, 17.5442,
58.9665)**

Conversions

Conversions Part 1

Format	Color
Hex	0677CB
RGB	6, 119, 203
RGB Percent	2%, 47%, 80%
CMY	0.9763, 0.5333, 0.2039
CMYK	0.97, 0.41, 0.00, 0.20
HSL	206°, 94%, 41%
HSV	206°, 97%, 80%
XYZ	17.4514, 17.5442, 58.9665
YIQ	94.7890, -94.3120, 2.1680

Conversions

Conversions Part 2

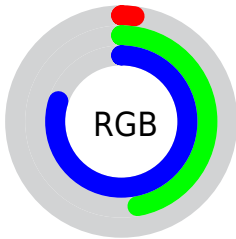
Format	Color
R _Y B	6, 78, 203
Decimal	423883
CIE Lab	48.94, 4.28, -51.06
CIE LCh	49, 51.237, 274.788
Yxy	17.5442, 0.1857, 0.1867
Android (android.graphics.Color)	4278613963 (0xFF0677CB)
YUV	94.7890, 53.3480, -77.8680
Hunter-Lab	41.8858, 1.0705, -54.1479

Details

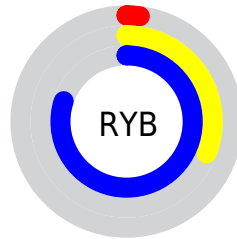
The XYZ color **17.4514, 17.5442, 58.9665** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **28.3215, 20.0290, 2.5468**, and the grayscale version is **10.7228, 11.2812, 12.2853**.

A 20% lighter version of the original color is **37.7585, 38.9985, 100.1451**, and **7.5985, 6.6446, 28.8990** is the 20% darker color. If you saturate the color by 10%, you get **17.0740, 16.9007, 58.8626**, and if you desaturate by 10%, it is **18.8891, 19.8854, 59.3430**.

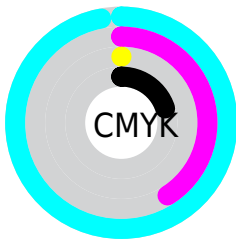
Distribution



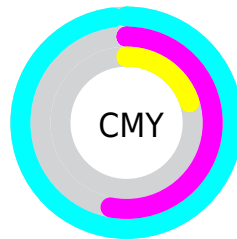
- Red (2%)
- Green (47%)
- Blue (80%)



- Red (2%)
- Yellow (31%)
- Blue (80%)



- Cyan (97%)
- Magenta (41%)
- Yellow (0%)
- Black (20%)



- Cyan (98%)
- Magenta (53%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4514, 17.5442, 58.9665 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 17.4514, 17.5442, 58.9665 by changing the saturation by 10% instead.

■ 17.4514, 17.5442,
58.9665

■ 17.4514, 17.5442,
58.9665

230.8663,
238.2892, 438.4762

■ 10.6541, 10.6232,
42.1663

■ 38.6377, 39.2591,
104.8576

■ 5.9003, 5.8141,
28.9050

■ 53.7575, 54.8218,
134.7856

■ 2.8247, 2.7324,
18.7640

■ 72.3822, 74.0340,
169.9267

■ 1.0617, 0.9937,
11.3248

■ 94.8771, 97.2799,
210.6993

■ 0.0000, 0.0000,
6.1688

■ 121.6076,
124.9440, 257.5220

■ 0.0000, 0.0000,
2.8776

152.9391,

■ 0.0000, 0.0000,

157.4106, 310.8134

1.0325

189.2368,
195.0642, 370.9919

■ 0.0000, 0.0000,
0.0000

■ 17.4514, 17.5442,
58.9665

■ 17.4514, 17.5442,
58.9665

■ 17.0740, 16.9007,
58.8626

■ 18.8891, 19.8854,
59.3430

■ 20.7842, 22.6052,
59.7681

■ 23.2117, 25.7459,
60.2464

■ 26.2275, 29.3394,
60.7811

■ 29.8796, 33.4139,
61.3750

■ 34.2107, 37.9944,
62.0309

■ 39.2594, 43.1039,
62.7510

■ 45.0614, 48.7637,
63.5377

■ 51.6498, 54.9936,
64.3929

Harmonies

Analogous

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



13.0708, 17.5442, 54.0100



17.4514, 17.5442, 58.9665



22.4646, 17.5442, 49.7498

Triad

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



17.4514, 17.5442, 58.9665



25.3830, 17.5442, 7.7064



9.6866, 17.5442, 9.9676

Complementary

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



17.4514, 17.5442, 58.9665



28.3215, 20.0290, 2.5468

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.



11.9772, 17.5442, 4.6451



17.4514, 17.5442, 58.9665



20.8879, 17.5442, 3.8433

Square

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



17.4514, 17.5442, 58.9665



27.5663, 17.5442, 16.9960



15.9224, 17.5442, 3.0748



9.1133, 17.5442, 21.3766

Rectangle

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



17.4514, 17.5442, 58.9665



25.3317, 17.5442, 38.5654



15.9224, 17.5442, 3.0748



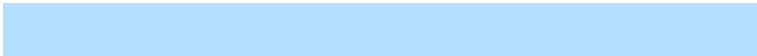
10.2567, 17.5442, 7.6201

Sweetspot

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



17.4521, 17.5447, 58.9670



63.6290, 70.0722, 104.7794



23.1976, 43.4575, 16.4214



12.8318, 14.2029, 22.3151



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.



17.4521, 17.5447, 58.9670



28.3670, 27.8541, 98.4890



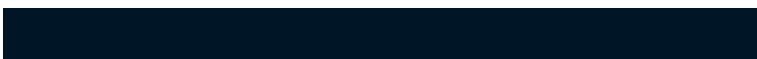
11.1509, 4.9422, 56.8665



11.1269, 11.8943, 14.2798



10.9577, 10.9394, 37.4902



0.6396, 0.7130, 1.9588

Inverse Universe

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



28.0242, 14.1597, 18.7092



46.4476, 23.3430, 29.3527



42.3448, 48.0757, 7.2212



11.4774, 11.3197, 13.0488



17.7418, 8.9073, 11.6251



0.9528, 0.4745, 0.7973

Previews

White Background



This preview shows how the XYZ color 17.4514, 17.5442, 58.9665 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 17.4514, 17.5442, 58.9665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

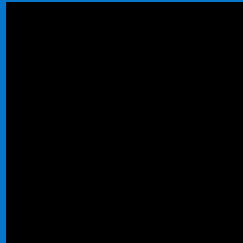
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.4514, 17.5442, 58.9665

Background



This preview shows how black text looks on a background with the XYZ color 17.4514, 17.5442, 58.9665.



This preview shows how white text looks on a background with the XYZ color 17.4514, 17.5442,

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

17.4514, 17.5442, 58.9665

Protanopia

19.2076, 17.5037, 55.1895

Deuteranopia

18.0159, 17.4855, 58.9254



Tritanopia

12.4377, 17.5355, 26.7739

Trichromacy



Original Color

17.4514, 17.5442, 58.9665

Protanomaly

17.8557, 17.1151, 56.3953

Deuteranomaly

17.7368, 17.5155, 58.9459

Tritanomaly

13.8802, 17.2888, 36.7879

Monochromacy



Original Color

17.4514, 17.5442, 58.9665

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

11.3033, 12.6786, 24.4057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4514, 17.5442, 58.9665 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(6, 119, 203)` looks like.

```
.text, #text, p{  
    color:rgb(6, 119, 203)  
}
```

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(6, 119, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 119, 203) }
```

Border

The CSS property to change the border of an element to XYZ 17.4514, 17.5442, 58.9665 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(6, 119, 203) }
```


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

```
.border{ border-color:rgb(6, 119, 203) }
```

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

Here you see how a box with a 4 pixel rgb(6, 119, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 119, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 119, 203);  
box-shadow:4px 4px 4px 4px rgb(6, 119,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4514, 17.5442, 58.9665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 119, 203) }
```

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

```
.background{ background-color: rgb(6, 119,  
203) }
```

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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