

Converting Colors

XYZ(15.7017, 13.7576, 58.3278)

Have a look what the booklet for
XYZ(15.7017, 13.7576, 58.3278)
contains.

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Color

**XYZ(15.7017, 13.7576,
58.3278)**

Conversions

Conversions Part 1

Format	Color
Hex	1365CB
RGB	19, 101, 203
RGB Percent	7%, 40%, 80%
CMY	0.9254, 0.6039, 0.2039
CMYK	0.91, 0.50, 0.00, 0.20
HSL	213°, 83%, 44%
HSV	213°, 91%, 80%
XYZ	15.7017, 13.7576, 58.3278
YIQ	88.1100, -81.6140, 14.3380

Conversions

Conversions Part 2

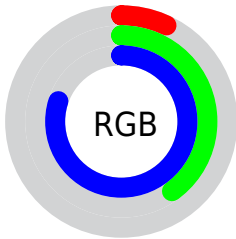
Format	Color
R_{YB}	19, 76, 203
Decimal	1271243
CIE _{Lab}	43.88, 16.23, -59.18
CIE _{LCh}	44, 61.370, 285.338
Yxy	13.7576, 0.1789, 0.1567
Android (android.graphics.Color)	4279461323 (0xFF1365CB)
YUV	88.1100, 56.6408, -60.6095
Hunter-Lab	37.0912, 10.6541, -67.2726

Details

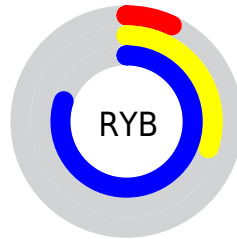
The XYZ color **15.7017, 13.7576, 58.3278** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **31.5872, 26.4251, 4.0531**, and the grayscale version is **9.1948, 9.6737, 10.5346**.

A 20% lighter version of the original color is **34.7101, 32.2368, 99.0006**, and **6.7595, 4.9665, 28.6193** is the 20% darker color. If you saturate the color by 10%, you get **14.4739, 11.7005, 57.9958**, and if you desaturate by 10%, it is **17.4511, 16.3943, 58.7449**.

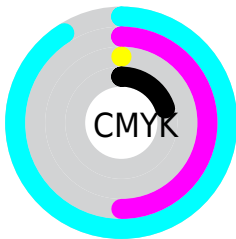
Distribution



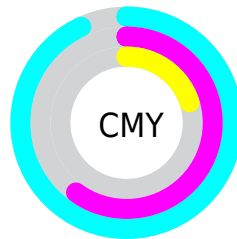
- Red (7%)
- Green (40%)
- Blue (80%)



- Red (7%)
- Yellow (30%)
- Blue (80%)



- Cyan (91%)
- Magenta (50%)
- Yellow (0%)
- Black (20%)



- Cyan (93%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7017, 13.7576, 58.3278 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 15.7017, 13.7576, 58.3278 by changing the saturation by 10% instead.

■ 15.7017, 13.7576,
58.3278

■ 15.7017, 13.7576,
58.3278

220.8802,
215.7176, 436.0386

■ 9.4028, 7.9523,
41.6558

■ 35.6412, 32.6583,
103.9195

■ 5.0641, 4.0644,
28.5083

■ 50.0125, 46.5225,
133.6764

■ 2.3200, 1.7097,
18.4668

■ 67.8054, 63.8417,
168.6319

■ 0.8049, 0.4299,
11.1128

■ 89.3852, 85.0004,
209.2046

■ 0.0000, 0.0000,
6.0276

■ 115.1172,
110.3829, 255.8131

■ 0.0000, 0.0000,
2.7928

145.3668,

■ 0.0000, 0.0000,

140.3737, 308.8759

0.9898

180.4993,
175.3571, 368.8116

■ 0.0000, 0.0000,
0.0000

■ 15.7017, 13.7576,
58.3278

■ 15.7017, 13.7576,
58.3278

■ 14.4739, 11.7005,
57.9958

■ 17.4511, 16.3943,
58.7449

■ 19.7670, 19.5538,
59.2327

■ 22.7129, 23.2766,
59.7960

■ 26.3423, 27.5981,
60.4388

■ 30.7022, 32.5499,
61.1648

■ 35.8355, 38.1608,
61.9773

■ 41.7811, 44.4579,
62.8794

■ 48.5756, 51.4664,
63.8740

■ 56.2529, 59.2100,
64.9641

Harmonies

Analogous

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



10.8546, 13.7576, 58.5300



15.7017, 13.7576, 58.3278



20.8952, 13.7576, 42.6934

Triad

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



15.7017, 13.7576, 58.3278



20.7890, 13.7576, 2.8810



5.9693, 13.7576, 9.1848

Complementary

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



15.7017, 13.7576, 58.3278



31.5872, 26.4251, 4.0531

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.



7.5009, 13.7576, 2.9559



15.7017, 13.7576, 58.3278



15.5819, 13.7576, 1.1496

Square

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



15.7017, 13.7576, 58.3278



24.2909, 13.7576, 8.9668



10.7610, 13.7576, 1.1644



5.9862, 13.7576, 23.2144

Rectangle

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



15.7017, 13.7576, 58.3278



23.5157, 13.7576, 29.1184



10.7610, 13.7576, 1.1644



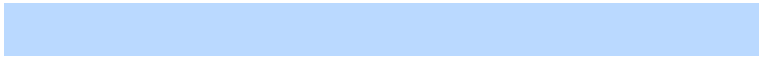
6.2996, 13.7576, 6.3697

Sweetspot

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



15.7024, 13.7580, 58.3282



63.1046, 67.2147, 104.2555



25.0282, 44.2121, 25.0517



12.8053, 13.6358, 22.2070



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.



15.7024, 13.7580, 58.3282



24.0246, 19.1692, 97.0415



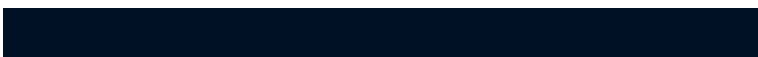
11.4980, 5.0286, 56.8648



11.0064, 11.6531, 14.2396



9.2990, 7.6220, 36.9374



0.5550, 0.5438, 1.9307

Inverse Universe

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



27.2111, 14.1028, 13.5999



44.2557, 22.4663, 17.8104



43.6711, 54.2024, 8.7777



11.4166, 11.2954, 12.7283



16.9046, 8.5724, 7.2163



0.9101, 0.4574, 0.5724

Previews

White Background



This preview shows how the XYZ color 15.7017, 13.7576, 58.3278 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 15.7017, 13.7576, 58.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

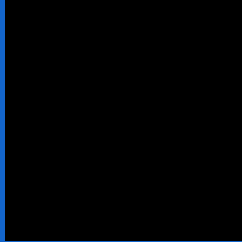
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.7017, 13.7576, 58.3278

Background



This preview shows how black text looks on a background with the XYZ color 15.7017, 13.7576, 58.3278.



This preview shows how white text looks on a background with the XYZ color 15.7017, 13.7576,

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

15.7017, 13.7576, 58.3278

Protanopia

16.1323, 13.8500, 57.7002

Deuteranopia

13.8058, 13.7688, 47.2774

Trichromacy



Original Color

15.7017, 13.7576, 58.3278

Protanomaly

15.8450, 13.7019, 57.6867

Deuteranomaly

14.4419, 13.7074, 51.1748

Monochromacy



Original Color

15.7017, 13.7576, 58.3278

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

9.9935, 10.4972, 22.6185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7017, 13.7576, 58.3278 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(19, 101, 203)` looks like.

```
.text, #text, p{  
    color:rgb(19, 101, 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(19, 101, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 101, 203) }
```

Border

The CSS property to change the border of an element to XYZ 15.7017, 13.7576, 58.3278 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(19, 101, 203) }
```

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

```
.border{ border-color:rgb(19, 101, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 101, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 101, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 101, 203);  
box-shadow:4px 4px 4px 4px rgb(19, 101,  
203) }
```


Background

The CSS property to change the background color of an element to XYZ 15.7017, 13.7576, 58.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 101, 203) }
```

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

```
.background{ background-color: rgb(19, 101,  
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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