

Converting Colors

XYZ(17.1238, 14.9584, 57.2431)

Have a look what the booklet for
XYZ(17.1238, 14.9584, 57.2431)
contains.

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Color

**XYZ(17.1238, 14.9584,
57.2431)**

Conversions

Conversions Part 1

Format	Color
Hex	3868C9
RGB	56, 104, 201
RGB Percent	22%, 41%, 79%
CMY	0.7804, 0.5922, 0.2118
CMYK	0.72, 0.48, 0.00, 0.21
HSL	220°, 57%, 50%
HSV	220°, 72%, 79%
XYZ	17.1238, 14.9584, 57.2431
YIQ	100.7060, -59.7450, 19.9910

Conversions

Conversions Part 2

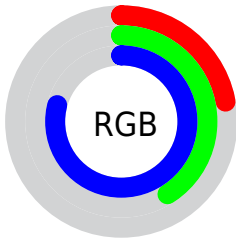
Format	Color
R_{YB}	56, 92, 201
Decimal	3696841
CIE Lab	45.58, 16.98, -55.25
CIE LCh	46, 57.799, 287.080
Yxy	14.9584, 0.1917, 0.1675
Android (android.graphics.Color)	4281886921 (0xFF3868C9)
YUV	100.7060, 49.4449, -39.2072
Hunter-Lab	38.6761, 11.3475, -60.6797

Details

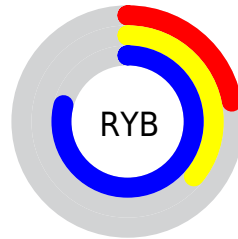
The XYZ color **17.1238, 14.9584, 57.2431** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **36.1944, 35.4888, 8.6850**, and the grayscale version is **12.1827, 12.8172, 13.9579**.

A 20% lighter version of the original color is **37.5171, 34.6558, 99.3196**, and **6.7014, 5.1014, 27.8256** is the 20% darker color. If you saturate the color by 10%, you get **14.9701, 11.9966, 56.7853**, and if you desaturate by 10%, it is **19.9455, 18.5852, 57.7948**.

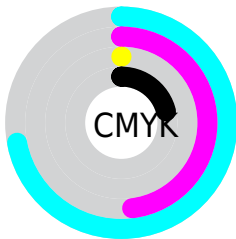
Distribution



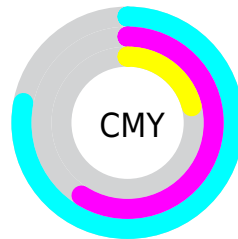
- Red (22%)
- Green (41%)
- Blue (79%)



- Red (22%)
- Yellow (36%)
- Blue (79%)



- Cyan (72%)
- Magenta (48%)
- Yellow (0%)
- Black (21%)



- Cyan (78%)
- Magenta (59%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1238, 14.9584, 57.2431 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 17.1238, 14.9584, 57.2431 by changing the saturation by 10% instead.

■ 17.1238, 14.9584,
57.2431

■ 17.1238, 14.9584,
57.2431

229.0272,
223.1143, 431.8788

■ 10.4186, 8.7902,
40.7898

■ 38.0804, 34.7802,
102.3237

■ 5.7418, 4.6046,
27.8364

■ 53.0626, 49.2026,
131.7880

■ 2.7279, 2.0172,
17.9644

■ 71.5345, 67.1451,
166.4264

■ 1.0115, 0.6174,
10.7553

■ 93.8614, 88.9922,
206.6575

■ 0.0000, 0.0000,
5.7904

■ 120.4088,
115.1283, 252.8997

■ 0.0000, 0.0000,
2.6513

151.5420,

■ 0.0000, 0.0000,

145.9377, 305.5717

0.9188

187.6263,
181.8049, 365.0919

■ 0.0000, 0.0000,
0.0000

■ 17.1238, 14.9584,
57.2431

■ 17.1238, 14.9584,
57.2431

■ 14.9701, 11.9966,
56.7853

■ 19.9455, 18.5852,
57.7948

■ 13.4145, 9.6482,
56.4140

■ 23.4908, 22.9196,
58.4445

■ 12.5220, 8.1757,
56.1768

■ 27.8115, 28.0016,
59.1977

■ 32.9536, 33.8675,
60.0589

■ 38.9594, 40.5510,
61.0325

■ 45.8682, 48.0839,
62.1223

■ 53.7166, 56.4960,
63.3324

■ 62.5395, 65.8156,
64.6662

■ 72.3695, 76.0697,
66.1274

Harmonies

Analogous

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



12.2403, 14.9584, 58.4063



17.1238, 14.9584, 57.2431



22.1618, 14.9584, 41.9473

Triad

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



17.1238, 14.9584, 57.2431



21.5269, 14.9584, 3.5413



6.9500, 14.9584, 11.0341

Complementary

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



17.1238, 14.9584, 57.2431



36.1944, 35.4888, 8.6850

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.



8.4427, 14.9584, 4.0583



17.1238, 14.9584, 57.2431



16.3970, 14.9584, 1.6841

Square

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



17.1238, 14.9584, 57.2431



25.0726, 14.9584, 9.6569



11.6602, 14.9584, 1.7967



7.0588, 14.9584, 25.4161

Rectangle

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



17.1238, 14.9584, 57.2431



24.6032, 14.9584, 28.9983



11.6602, 14.9584, 1.7967



7.2637, 14.9584, 7.9688

Sweetspot

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



17.1245, 14.9588, 57.2435



66.5105, 69.2161, 104.4623



28.2408, 44.9036, 37.1732



13.6000, 14.1126, 22.2571



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.



17.1245, 14.9588, 57.2435



23.8961, 17.9740, 96.8176



15.2804, 8.7594, 56.1441



10.3387, 10.8515, 13.4671



7.9488, 5.2915, 35.3468



0.4431, 0.3841, 1.6959

Inverse Universe

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



28.0009, 16.2464, 14.7569



44.4199, 23.4088, 15.9717



39.6948, 51.3870, 11.5692



10.7762, 10.6939, 11.8049



15.8115, 8.0742, 4.2173



0.7824, 0.3958, 0.3771

Previews

White Background



This preview shows how the XYZ color 17.1238, 14.9584, 57.2431 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 17.1238, 14.9584, 57.2431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

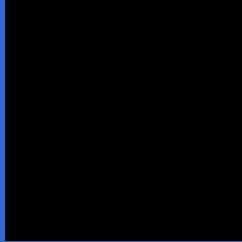
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.1238, 14.9584, 57.2431

Background



This preview shows how black text looks on a background with the XYZ color 17.1238, 14.9584, 57.2431.



This preview shows how white text looks on a background with the XYZ color 17.1238, 14.9584,

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

17.1238, 14.9584, 57.2431

Protanopia

17.1238, 14.9584, 57.2431

Deuteranopia

15.0943, 14.7875, 52.5108



Tritanopia

10.4931, 14.7522, 22.7165

Trichromacy



Original Color

17.1238, 14.9584, 57.2431

Protanomaly

17.1238, 14.9584, 57.2431

Deuteranomaly

15.5100, 14.6496, 54.2347

Tritanomaly

12.2222, 14.5499, 33.1746

Monochromacy



Original Color

17.1238, 14.9584, 57.2431

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.0130, 13.2402, 25.5367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1238, 14.9584, 57.2431 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(56, 104, 201)` looks like.

```
.text, #text, p{  
    color:rgb(56, 104, 201)  
}
```

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(56, 104, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 104, 201) }
```

Border

The CSS property to change the border of an element to XYZ 17.1238, 14.9584, 57.2431 is called "border". The border property can be set on classes, ids or directly on the HTML element.

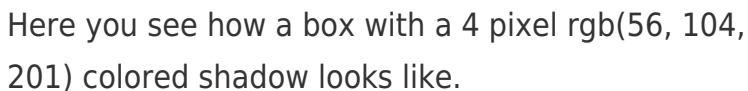
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(56, 104, 201) }
```


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

```
.border{ border-color:rgb(56, 104, 201) }
```

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



Here you see how a box with a 4 pixel `rgb(56, 104, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(56, 104, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(56, 104, 201); box-shadow:4px 4px 4px 4px rgb(56, 104, 201) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1238, 14.9584, 57.2431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 104, 201) }
```

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

```
.background{ background-color: rgb(56, 104,  
201) }
```

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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