

Converting Colors

XYZ(12.1594, 14.0676, 16.5425)

Have a look what the booklet for
XYZ(12.1594, 14.0676, 16.5425)
contains.

XYZ(12.1594, 14.0676, 16.5425)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(12.1594, 14.0676,
16.5425)**

Conversions

Conversions Part 1

Format	Color
Hex	576D6D
RGB	87, 109, 109
RGB Percent	34%, 43%, 43%
CMY	0.6588, 0.5725, 0.5725
CMYK	0.20, 0.00, 0.00, 0.57
HSL	180°, 11%, 38%
HSV	180°, 20%, 43%
XYZ	12.1594, 14.0676, 16.5425
YIQ	102.4220, -13.1120, -4.6640

Conversions

Conversions Part 2

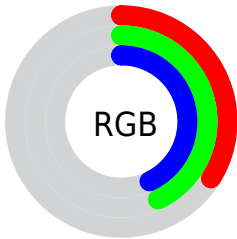
Format	Color
R_{YB}	87, 98, 109
Decimal	5729645
CIE _{Lab}	44.33, -8.10, -2.70
CIE _{LCh}	44, 8.542, 198.445
Yxy	14.0676, 0.2843, 0.3289
Android (android.graphics.Color)	4283919725 (0xFF576D6D)
YUV	102.4220, 3.2430, -13.5251
Hunter-Lab	37.5068, -7.7686, 0.1047

Details

The XYZ color **12.1594, 14.0676, 16.5425** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4356, 10.7560, 10.4907**, and the grayscale version is **12.7343, 13.3975, 14.5899**.

A 20% lighter version of the original color is **29.4066, 33.3462, 38.1443**, and **3.5066, 4.2645, 5.1957** is the 20% darker color. If you saturate the color by 10%, you get **11.2177, 13.5825, 16.4986**, and if you desaturate by 10%, it is **13.2556, 14.6331, 16.5943**.

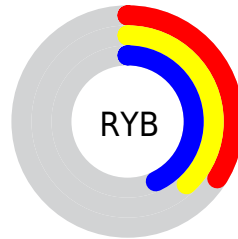
Distribution



Red (34%)

Green (43%)

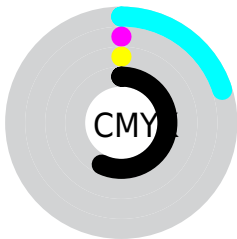
Blue (43%)



Red (34%)

Yellow (38%)

Blue (43%)

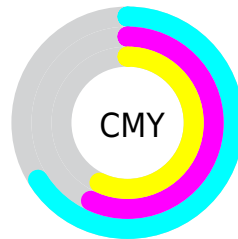


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (57%)



Cyan (66%)

Magenta (57%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.1594, 14.0676, 16.5425 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 12.1594, 14.0676, 16.5425 by changing the saturation by 10% instead.

■ 12.1594, 14.0676,
16.5425

■ 12.1594, 14.0676,
16.5425

199.2062,
217.6510, 244.4760

■ 6.9253, 8.1677,
9.7504

■ 29.3994, 33.2089,
38.3173

■ 3.4613, 4.2024,
5.1303

■ 42.1361, 47.2191,
54.1370

■ 1.4022, 1.7874,
2.2639

■ 58.1043, 64.7016,
73.8030

■ 0.2578, 0.4793,
0.7109

■ 77.6694, 86.0406,
97.7338

■ 0.0000, 0.0000,
0.0000

■ 101.1968,
111.6207, 126.3480

129.0518,

141.8262, 160.0640

161.5998,
177.0415, 199.3005

■ 12.1594, 14.0676,
16.5425

■ 12.1594, 14.0676,
16.5425

■ 11.2177, 13.5825,
16.4986

■ 13.2556, 14.6331,
16.5943

■ 10.4224, 13.1725,
16.4612

■ 14.5116, 15.2805,
16.6532

■ 9.7666, 12.8345,
16.4303

■ 15.9337, 16.0137,
16.7199

■ 9.2422, 12.5641,
16.4056

■ 17.5279, 16.8355,
16.7947

■ 8.8404, 12.3570,
16.3866

■ 19.2995, 17.7488,
16.8778

■ 8.5512, 12.2079,
16.3729

■ 21.2538, 18.7563,
16.9694

■ 8.3631, 12.1109,
16.3639

■ 23.3957, 19.8605,
17.0698

■ 8.2290, 12.0418,
16.3575

■ 25.7303, 21.0640,
17.1793

■ 28.2620, 22.3691,
17.2979

Harmonies

Analogous

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



12.1210, 14.0676, 14.5737



12.1594, 14.0676, 16.5425



12.5157, 14.0676, 18.3183

Triad

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



12.1594, 14.0676, 16.5425



14.3813, 14.0676, 17.9593



13.6365, 14.0676, 11.9095

Complementary

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



12.1594, 14.0676, 16.5425



11.4356, 10.7560, 10.4907

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.



14.2641, 14.0676, 12.6633



12.1594, 14.0676, 16.5425



14.7038, 14.0676, 16.0856

Square

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



12.1594, 14.0676, 16.5425



13.7921, 14.0676, 19.1832



14.6602, 14.0676, 14.1540



12.9582, 14.0676, 12.0090

Rectangle

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



12.1594, 14.0676, 16.5425



12.8925, 14.0676, 19.1019



14.6602, 14.0676, 14.1540



13.8608, 14.0676, 12.0687

Sweetspot

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



12.1598, 14.0682, 16.5428



24.6037, 26.6494, 29.7541



11.1541, 13.6699, 11.0677



5.7029, 6.1899, 6.9229



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



12.1598, 14.0682, 16.5428



20.9839, 24.7833, 29.5842



11.0932, 11.9349, 16.1876



3.1818, 3.4919, 3.9411



9.6245, 14.0839, 19.1314



49.0408, 71.7634, 97.4823

Inverse Universe

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



11.4356, 10.7560, 10.4907



19.4466, 17.7527, 16.7373



12.3609, 12.6067, 10.7989



3.0998, 3.1168, 3.2557



7.3765, 3.8027, 0.3454



37.5865, 19.3766, 1.7594

Previews

White Background



This preview shows how the XYZ color 12.1594, 14.0676, 16.5425 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 12.1594, 14.0676, 16.5425 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

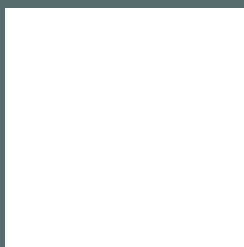
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 12.1594, 14.0676, 16.5425

Background



This preview shows how black text looks on a background with the XYZ color 12.1594, 14.0676, 16.5425.



This preview shows how white text looks on a background with the XYZ color 12.1594, 14.0676,

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

12.1594, 14.0676, 16.5425

Protanopia

13.4957, 14.0054, 15.6277

Deuteranopia

14.2050, 13.8998, 16.9732



Tritanopia

12.5394, 14.0608, 18.5761

Trichromacy



Original Color

12.1594, 14.0676, 16.5425

Protanomaly

12.9535, 14.0223, 15.9338

Deuteranomaly

13.3583, 13.9100, 16.7327

Tritanomaly

12.3677, 13.9921, 17.6717

Monochromacy



Original Color

12.1594, 14.0676, 16.5425

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.5311, 13.6645, 15.3416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.1594, 14.0676, 16.5425 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(87, 109, 109)` looks like.

```
.text, #text, p{  
    color:rgb(87, 109, 109)  
}
```

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(87, 109, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 109, 109) }
```

Border

The CSS property to change the border of an element to XYZ 12.1594, 14.0676, 16.5425 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(87, 109, 109) }
```


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

```
.border{ border-color:rgb(87, 109, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 109, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 109, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 109, 109);  
box-shadow:4px 4px 4px 4px rgb(87, 109,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 12.1594, 14.0676, 16.5425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 109, 109) }
```

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

```
.background{ background-color: rgb(87, 109,  
109) }
```

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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