

Converting Colors

XYZ(17.2147, 21.0835, 15.8345)

Have a look what the booklet for
XYZ(17.2147, 21.0835, 15.8345)
contains.

XYZ(17.2162, 21.0494, 15.7259)	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(17.2162, 21.0494,
15.7259)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8566
RGB	110, 133, 102
RGB Percent	43%, 52%, 40%
CMY	0.5686, 0.4784, 0.6000
CMYK	0.17, 0.00, 0.23, 0.48
HSL	105°, 13%, 46%
HSV	105°, 23%, 52%
XYZ	17.2162, 21.0494, 15.7259
YIQ	122.5890, -3.7570, -14.5170

Conversions

Conversions Part 2

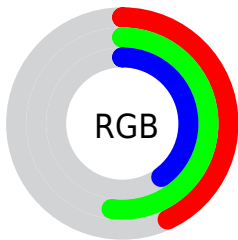
Format	Color
RYB	102, 133, 125
Decimal	7243110
CIELab	53.00, -14.53, 14.04
CIELCh	53, 20.201, 135.981
Yxy	21.0494, 0.3189, 0.3899
Android (android.graphics.Color)	4285433190 (0xFF6E8566)
YUV	122.5890, -10.1504, -11.0406
Hunter-Lab	45.8796, -13.3077, 11.7932

Details

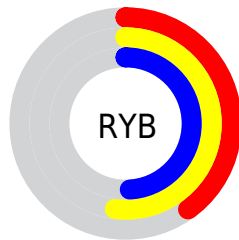
The XYZ color **17.2162, 21.0494, 15.7259** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.4434, 15.5568, 24.2749**, and the grayscale version is **18.7251, 19.7003, 21.4536**.

A 20% lighter version of the original color is **38.2090, 45.0991, 36.8282**, and **5.7695, 7.4865, 4.7554** is the 20% darker color. If you saturate the color by 10%, you get **15.4487, 20.2091, 12.4720**, and if you desaturate by 10%, it is **19.2274, 22.0044, 19.5446**.

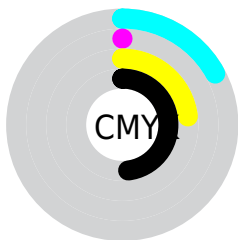
Distribution



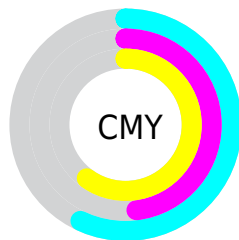
- Red (43%)
- Green (52%)
- Blue (40%)



- Red (40%)
- Yellow (52%)
- Blue (49%)



- Cyan (17%)
- Magenta (0%)
- Yellow (23%)
- Black (48%)



- Cyan (57%)
- Magenta (48%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2162, 21.0494, 15.7259 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 17.2162, 21.0494, 15.7259 by changing the saturation by 10% instead.

■ 17.2162, 21.0494,
15.7259

■ 17.2162, 21.0494,
15.7259

229.5472,
257.5409, 239.5091

■ 10.4850, 13.1601,
9.1782

■ 38.2378, 45.1697,
36.8818

■ 5.7864, 7.5389,
4.7592

■ 53.2589, 62.1696,
52.3271

■ 2.7551, 3.8013,
2.0504

■ 71.7740, 82.9751,
71.5753

■ 1.0256, 1.5631,
0.5860

■ 94.1485, 107.9706,
95.0450

■ 0.0000, 0.3325,
0.0000

120.7477,
137.5405, 123.1546

■ 0.0000, 0.0000,
0.0000

151.9370,

172.0693, 156.3228

188.0817,
211.9413, 194.9681

■ 17.2162, 21.0494,
15.7259

■ 17.2162, 21.0494,
15.7259

■ 15.4487, 20.2091,
12.4720

■ 19.2274, 22.0044,
19.5446

■ 13.9138, 19.4763,
9.7547

■ 21.4897, 23.0755,
23.9517

■ 12.6019, 18.8476,
7.5456

■ 24.0121, 24.2673,
28.9712

■ 11.5020, 18.3178,
5.8131

■ 26.8026, 25.5836,
34.6250

■ 10.6023, 17.8816,
4.5220

■ 29.8690, 27.0279,
40.9345

■ 9.8894, 17.5330,
3.6322

■ 33.2188, 28.6037,
47.9196

■ 9.3480, 17.2652,
3.0954

■ 36.8590, 30.3140,
55.5996

■ 9.0582, 17.1215,
2.8274

■ 40.7965, 32.1622,
63.9930

■ 45.0379, 34.1512,
73.1176

Harmonies

Analogous

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



18.9054, 21.0494, 13.4279



17.2162, 21.0494, 15.7259



16.3066, 21.0494, 20.2057

Triad

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



17.2162, 21.0494, 15.7259



19.0354, 21.0494, 36.2149



24.1873, 21.0494, 19.8529

Complementary

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



17.2162, 21.0494, 15.7259



17.4434, 15.5568, 24.2749

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.



24.2283, 21.0494, 25.8654



17.2162, 21.0494, 15.7259



21.1503, 21.0494, 36.0748

Square

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



17.2162, 21.0494, 15.7259



17.3056, 21.0494, 32.3816



23.0838, 21.0494, 32.0271



22.9754, 21.0494, 15.5071

Rectangle

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



17.2162, 21.0494, 15.7259



16.2202, 21.0494, 24.1573



23.0838, 21.0494, 32.0271



24.3412, 21.0494, 21.7242

Sweetspot

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



17.2168, 21.0503, 15.7264



36.8678, 40.5577, 39.7248



19.3720, 20.5466, 15.5155



8.2642, 9.1175, 8.8681



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.2168, 21.0503, 15.7264



29.0905, 36.8677, 24.9341



16.6406, 20.7100, 17.6548



4.7207, 5.2586, 4.9956



8.6344, 16.3111, 2.6933



0.0359, 0.0596, 0.0096

Inverse Universe

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



17.4434, 15.5568, 24.2749



29.5683, 25.2252, 43.0489



18.1759, 15.9902, 21.7892



4.7437, 4.7040, 5.8587



8.9087, 4.1267, 21.4637



0.0377, 0.0178, 0.0747

Previews

White Background



This preview shows how the XYZ color 17.2162, 21.0494, 15.7259 looks on a white 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

Black Background



This preview shows how the XYZ color 17.2162, 21.0494, 15.7259 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 17.2162, 21.0494, 15.7259

Background



This preview shows how black text looks on a background with the XYZ color 17.2162, 21.0494, 15.7259.



This preview shows how white text looks on a background with the XYZ color 17.2162, 21.0494,

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

17.2162, 21.0494, 15.7259

Protanopia

19.7047, 20.9735, 14.8141

Deuteranopia

21.1901, 20.7852, 15.9918



Tritanopia

19.5091, 20.9863, 27.0673

Trichromacy



Original Color

17.2162, 21.0494, 15.7259

Protanomaly

18.7547, 21.0562, 15.1324

Deuteranomaly

19.4547, 20.6330, 15.7892

Tritanomaly

18.6237, 21.0233, 22.4784

Monochromacy



Original Color

17.2162, 21.0494, 15.7259

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.1551, 20.2681, 19.1749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2162, 21.0494, 15.7259 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(110, 133, 102)` looks like.

```
.text, #text, p{  
    color:rgb(110, 133, 102)  
}
```

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(110, 133, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 133, 102) }
```

Border

The CSS property to change the border of an element to XYZ 17.2162, 21.0494, 15.7259 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(110, 133, 102) }
```


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

```
.border{ border-color:rgb(110, 133, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 133, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 133, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 133, 102);  
box-shadow:4px 4px 4px 4px rgb(110, 133,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2162, 21.0494, 15.7259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 133, 102) }
```

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

```
.background{ background-color: rgb(110,  
133, 102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor