

Converting Colors

XYZ(17.1663, 21.5424, 17.6355)

Have a look what the booklet for
XYZ(17.1663, 21.5424, 17.6355)
contains.

XYZ(17.2734, 21.6555, 17.7375)	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(17.2734, 21.6555,
17.7375)**

Conversions

Conversions Part 1

Format	Color
Hex	68886D
RGB	104, 136, 109
RGB Percent	41%, 53%, 43%
CMY	0.5922, 0.4667, 0.5725
CMYK	0.24, 0.00, 0.20, 0.47
HSL	129°, 13%, 47%
HSV	129°, 24%, 53%
XYZ	17.2734, 21.6555, 17.7375
YIQ	123.3540, -10.4050, -15.1810

Conversions

Conversions Part 2

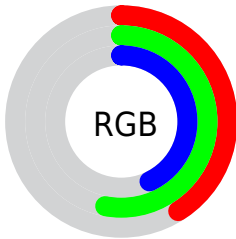
Format	Color
RYB	104, 132, 136
Decimal	6850669
CIELab	53.66, -17.04, 10.87
CIELCh	54, 20.215, 147.461
Yxy	21.6555, 0.3048, 0.3822
Android (android.graphics.Color)	4285040749 (0xFF68886D)
YUV	123.3540, -7.0765, -16.9735
Hunter-Lab	46.5355, -15.1800, 9.9758

Details

The XYZ color **17.2734, 21.6555, 17.7375** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.2012, 16.7741, 23.6994**, and the grayscale version is **18.9693, 19.9572, 21.7334**.

A 20% lighter version of the original color is **38.3409, 46.0363, 40.5833**, and **5.8010, 7.8333, 5.6211** is the 20% darker color. If you saturate the color by 10%, you get **15.2424, 20.6759, 14.6257**, and if you desaturate by 10%, it is **19.6409, 22.8005, 21.2870**.

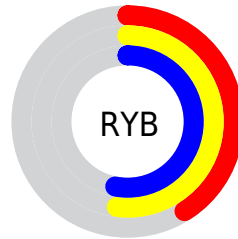
Distribution



Red (41%)

Green (53%)

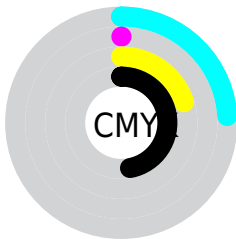
Blue (43%)



Red (41%)

Yellow (52%)

Blue (53%)

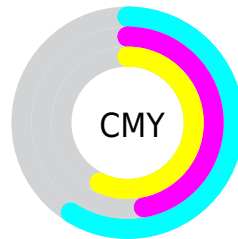


Cyan (24%)

Magenta (0%)

Yellow (20%)

Black (47%)



Cyan (59%)

Magenta (47%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2734, 21.6555, 17.7375 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 17.2734, 21.6555, 17.7375 by changing the saturation by 10% instead.

■ 17.2734, 21.6555,
17.7375

■ 17.2734, 21.6555,
17.7375

229.8687,
260.7419, 251.5735

■ 10.5261, 13.6040,
10.5942

■ 38.3351, 46.1760,
40.3974

■ 5.8141, 7.8458,
5.6840

■ 53.3803, 63.4137,
56.7511

■ 2.7719, 3.9964,
2.5882

■ 71.9221, 84.4823,
77.0120

■ 1.0343, 1.6716,
0.8864

■ 94.3259, 109.7661,
101.5986

■ 0.0000, 0.4051,
0.0000

120.9572,
139.6496, 130.9296

■ 0.0000, 0.0000,
0.0000

152.1811,

174.5171, 165.4233

188.3632,
214.7531, 205.4985

■ 17.2734, 21.6555,
17.7375

■ 17.2734, 21.6555,
17.7375

■ 15.2424, 20.6759,
14.6257

■ 19.6409, 22.8005,
21.2870

■ 13.5308, 19.8513,
11.9333

■ 22.3575, 24.1152,
25.2888

■ 12.1228, 19.1747,
9.6428

■ 25.4371, 25.6070,
29.7585

■ 11.0003, 18.6371,
7.7348

■ 28.8926, 27.2824,
34.7106

■ 10.1435, 18.2288,
6.1885

■ 32.7360, 29.1471,
40.1589

■ 9.5299, 17.9385,
4.9810

■ 36.9790, 31.2070,
46.1167

■ 9.1325, 17.7530,
4.0867

■ 41.6327, 33.4675,
52.5968

■ 8.9423, 17.6642,
3.6599

■ 46.7076, 35.9337,
59.6114

■ 52.2142, 38.6108,
67.1726

Harmonies

Analogous

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



18.7247, 21.6555, 14.5139



17.2734, 21.6555, 17.7375



16.7028, 21.6555, 23.0557

Triad

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



17.2734, 21.6555, 17.7375



20.3993, 21.6555, 37.5856



24.4965, 21.6555, 18.5039

Complementary

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



17.2734, 21.6555, 17.7375



19.2012, 16.7741, 23.6994

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.



25.0217, 21.6555, 24.1105



17.2734, 21.6555, 17.7375



22.5601, 21.6555, 35.8000

Square

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



17.2734, 21.6555, 17.7375



18.4268, 21.6555, 35.1078



24.2902, 21.6555, 30.5803



22.9009, 21.6555, 14.8989

Rectangle

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



17.2734, 21.6555, 17.7375



16.8665, 21.6555, 27.3351



24.2902, 21.6555, 30.5803



24.8087, 21.6555, 20.1841

Sweetspot

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



17.2740, 21.6564, 17.7380



37.5923, 41.6216, 41.9166



20.6948, 23.4501, 16.5326



8.6525, 9.6132, 9.6289



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.2740, 21.6564, 17.7380



28.5507, 37.2508, 28.3794



18.2027, 22.0279, 22.6283



5.0017, 5.6202, 5.5298



8.4656, 16.7188, 3.4767



0.0597, 0.1125, 0.0414

Inverse Universe

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



19.2012, 16.7741, 23.6994



32.5332, 27.1581, 40.6966



18.2104, 16.3778, 18.4820



5.2008, 5.1158, 6.1461



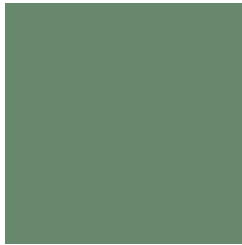
12.5279, 6.1213, 15.8160



0.0874, 0.0423, 0.1271

Previews

White Background



This preview shows how the XYZ color 17.2734, 21.6555, 17.7375 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 17.2734, 21.6555, 17.7375 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 17.2734, 21.6555, 17.7375

Background



This preview shows how black text looks on a background with the XYZ color 17.2734, 21.6555, 17.7375.



This preview shows how white text looks on a background with the XYZ color 17.2734, 21.6555,

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

17.2734, 21.6555, 17.7375

Protanopia

20.2606, 21.6092, 16.4677

Deuteranopia

21.8616, 21.4468, 18.3166



Tritanopia

19.4292, 21.5006, 28.7172

Trichromacy



Original Color

17.2734, 21.6555, 17.7375

Protanomaly

19.0300, 21.5583, 16.7938

Deuteranomaly

19.9485, 21.4113, 18.1203

Tritanomaly

18.6011, 21.5749, 24.3031

Monochromacy



Original Color

17.2734, 21.6555, 17.7375

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.1916, 20.4594, 20.1298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2734, 21.6555, 17.7375 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(104, 136, 109)` looks like.

```
.text, #text, p{  
    color:rgb(104, 136, 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(104, 136, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 136, 109) }
```

Border

The CSS property to change the border of an element to XYZ 17.2734, 21.6555, 17.7375 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(104, 136, 109) }
```


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

```
.border{ border-color:rgb(104, 136, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 136, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 136, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 136, 109);  
box-shadow:4px 4px 4px 4px rgb(104, 136,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2734, 21.6555, 17.7375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 136, 109) }
```

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

```
.background{ background-color: rgb(104,  
136, 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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