

Converting Colors

XYZ(17.2488, 21.6679, 15.9285)

Have a look what the booklet for
XYZ(17.2488, 21.6679, 15.9285)
contains.

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Color

**XYZ(17.2658, 21.6934,
15.8476)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8866
RGB	107, 136, 102
RGB Percent	42%, 53%, 40%
CMY	0.5804, 0.4667, 0.6000
CMYK	0.21, 0.00, 0.25, 0.47
HSL	111°, 14%, 47%
HSV	111°, 25%, 53%
XYZ	17.2658, 21.6934, 15.8476
YIQ	123.4530, -6.3700, -16.7220

Conversions

Conversions Part 2

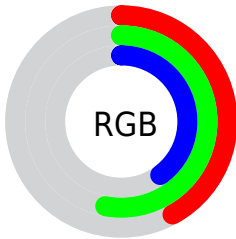
Format	Color
RYB	102, 136, 131
Decimal	7047270
CIELab	53.70, -17.26, 14.97
CIElCh	54, 22.845, 139.063
Yxy	21.6934, 0.3150, 0.3958
Android (android.graphics.Color)	4285237350 (0xFF6B8866)
YUV	123.4530, -10.5763, -14.4293
Hunter-Lab	46.5762, -15.3383, 12.4298

Details

The XYZ color **17.2658, 21.6934, 15.8476** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.5563, 16.1062, 25.4245**, and the grayscale version is **19.0124, 20.0025, 21.7827**.

A 20% lighter version of the original color is **38.2454, 46.0660, 37.0129**, and **5.8210, 7.8612, 4.8250** is the 20% darker color. If you saturate the color by 10%, you get **15.3436, 20.7748, 12.5211**, and if you desaturate by 10%, it is **19.4869, 22.7546, 19.7667**.

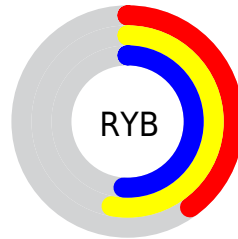
Distribution



Red (42%)

Green (53%)

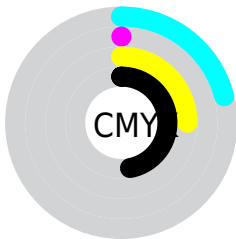
Blue (40%)



Red (40%)

Yellow (53%)

Blue (51%)

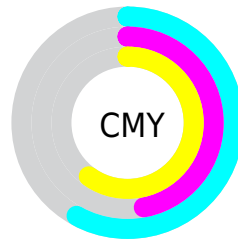


Cyan (21%)

Magenta (0%)

Yellow (25%)

Black (47%)



Cyan (58%)

Magenta (47%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2658, 21.6934, 15.8476 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 17.2658, 21.6934, 15.8476 by changing the saturation by 10% instead.

■ 17.2658, 21.6934,
15.8476

■ 17.2658, 21.6934,
15.8476

229.8260,
260.9409, 240.2557

■ 10.5207, 13.6318,
9.2632

■ 38.3222, 46.2387,
37.0965

■ 5.8104, 7.8650,
4.8141

■ 53.3641, 63.4912,
52.5981

■ 2.7697, 4.0087,
2.0818

■ 71.9024, 84.5762,
71.9092

■ 1.0332, 1.6784,
0.6049

■ 94.3024, 109.8779,
95.4483

■ 0.0000, 0.4096,
0.0000

120.9293,
139.7809, 123.6340

■ 0.0000, 0.0000,
0.0000

152.1487,

174.6694, 156.8847

188.3258,
214.9280, 195.6191

■ 17.2658, 21.6934,
15.8476

■ 17.2658, 21.6934,
15.8476

■ 15.3436, 20.7748,
12.5211

■ 19.4869, 22.7546,
19.7667

■ 13.7060, 19.9900,
9.7570

■ 22.0174, 23.9613,
24.3038

■ 12.3396, 19.3336,
7.5246

■ 24.8690, 25.3197,
29.4845

■ 11.2297, 18.7987,
5.7899

■ 28.0526, 26.8347,
35.3325

■ 10.3598, 18.3776,
4.5146

■ 31.5784, 28.5113,
41.8704

■ 9.7117, 18.0618,
3.6550

■ 35.4562, 30.3540,
49.1197

■ 9.2626, 17.8410,
3.1507

■ 39.6956, 32.3672,
57.1009

■ 9.0930, 17.7579,
2.9484

■ 44.3055, 34.5551,
65.8337

■ 49.2946, 36.9219,
75.3371

Harmonies

Analogous

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



19.1205, 21.6934, 13.0388



17.2658, 21.6934, 15.8476



16.3369, 21.6934, 21.1557

Triad

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



17.2658, 21.6934, 15.8476



19.7393, 21.6934, 39.4692



25.3919, 21.6934, 19.4882

Complementary

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



17.2658, 21.6934, 15.8476



18.5563, 16.1062, 25.4245

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.



25.5906, 21.6934, 26.2696



17.2658, 21.6934, 15.8476



22.1937, 21.6934, 38.7775

Square

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



17.2658, 21.6934, 15.8476



17.6879, 21.6934, 35.3283



24.3803, 21.6934, 33.5922



23.8570, 21.6934, 14.8354

Rectangle

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



17.2658, 21.6934, 15.8476



16.3140, 21.6934, 25.8066



24.3803, 21.6934, 33.5922



25.6215, 21.6934, 21.5613

Sweetspot

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



17.2664, 21.6943, 15.8481



37.3241, 41.5217, 40.1710



20.6554, 22.4003, 15.8057



8.5014, 9.5481, 9.0474



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.



17.2664, 21.6943, 15.8481



28.4496, 37.2846, 24.4903



17.3159, 21.6467, 19.1559



5.0359, 5.6412, 5.3758



8.6112, 16.8092, 2.7906



0.0647, 0.1156, 0.0189

Inverse Universe

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



18.5563, 16.1062, 25.4245



31.1237, 25.6851, 44.3657



18.5499, 16.1953, 21.2511



5.1628, 5.0924, 6.3167



11.0295, 5.2000, 22.4681



0.0824, 0.0392, 0.1497

Previews

White Background



This preview shows how the XYZ color 17.2658, 21.6934, 15.8476 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 17.2658, 21.6934, 15.8476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

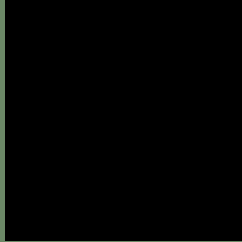
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.2658, 21.6934, 15.8476

Background



This preview shows how black text looks on a background with the XYZ color 17.2658, 21.6934, 15.8476.



This preview shows how white text looks on a background with the XYZ color 17.2658, 21.6934,

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

17.2658, 21.6934, 15.8476

Protanopia

20.2403, 21.6386, 14.6652

Deuteranopia

21.8455, 21.4817, 16.3596



Tritanopia

19.8634, 21.7331, 28.3473

Trichromacy



Original Color

17.2658, 21.6934, 15.8476

Protanomaly

18.9726, 21.5691, 14.9677

Deuteranomaly

19.8907, 21.4244, 16.1837

Tritanomaly

18.7738, 21.6869, 23.2752

Monochromacy



Original Color

17.2658, 21.6934, 15.8476

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.1498, 20.4581, 19.2119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2658, 21.6934, 15.8476 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(107, 136, 102)` looks like.

```
.text, #text, p{  
    color:rgb(107, 136, 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(107, 136, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 136, 102) }
```

Border

The CSS property to change the border of an element to XYZ 17.2658, 21.6934, 15.8476 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(107, 136, 102) }
```


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

```
.border{ border-color:rgb(107, 136, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 136, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 136, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 136, 102);  
box-shadow:4px 4px 4px 4px rgb(107, 136,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2658, 21.6934, 15.8476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 136, 102) }
```

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

```
.background{ background-color: rgb(107,  
136, 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](#).

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