

Converting Colors

XYZ(17.4569, 21.8138, 16.7892)

Have a look what the booklet for
XYZ(17.4569, 21.8138, 16.7892)
contains.

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Color

**XYZ(17.4174, 21.7540,
16.6456)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8869
RGB	107, 136, 105
RGB Percent	42%, 53%, 41%
CMY	0.5804, 0.4667, 0.5882
CMYK	0.21, 0.00, 0.23, 0.47
HSL	116°, 13%, 47%
HSV	116°, 23%, 53%
XYZ	17.4174, 21.7540, 16.6456
YIQ	123.7950, -7.3330, -15.7890

Conversions

Conversions Part 2

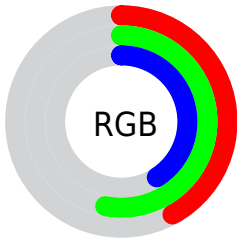
Format	Color
R _Y B	105, 136, 134
Decimal	7047273
CIE Lab	53.77, -16.71, 13.34
CIE LCh	54, 21.385, 141.393
Yxy	21.7540, 0.3120, 0.3897
Android (android.graphics.Color)	4285237353 (0xFF6B8869)
YUV	123.7950, -9.2659, -14.7292
Hunter-Lab	46.6412, -14.9641, 11.4890

Details

The XYZ color **17.4174, 21.7540, 16.6456** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.3278, 16.9497, 25.5465**, and the grayscale version is **19.1220, 20.1179, 21.9083**.

A 20% lighter version of the original color is **38.4964, 46.1664, 38.3345**, and **5.8951, 7.8909, 5.2154** is the 20% darker color. If you saturate the color by 10%, you get **15.3549, 20.7658, 13.1874**, and if you desaturate by 10%, it is **19.8180, 22.9048, 20.7042**.

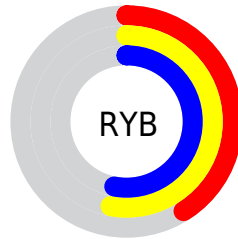
Distribution



Red (42%)

Green (53%)

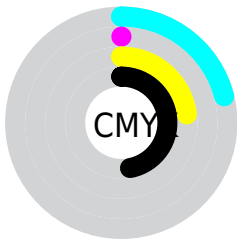
Blue (41%)



Red (41%)

Yellow (53%)

Blue (53%)



Cyan (21%)

Magenta (0%)

Yellow (23%)

Black (47%)



Cyan (58%)

Magenta (47%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4174, 21.7540, 16.6456 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 17.4174, 21.7540, 16.6456 by changing the saturation by 10% instead.

■ 17.4174, 21.7540,
16.6456

■ 17.4174, 21.7540,
16.6456

230.6760,
261.2589, 245.0961

■ 10.6297, 13.6763,
9.8229

■ 38.5800, 46.3391,
38.4977

■ 5.8839, 7.8958,
5.1776

■ 53.6855, 63.6152,
54.3641

■ 2.8146, 4.0284,
2.2913

■ 72.2944, 84.7262,
74.0822

■ 1.0565, 1.6894,
0.7263

■ 94.7719, 110.0566,
98.0705

■ 0.0000, 0.4168,
0.0000

121.4835,
139.9906, 126.7474

■ 0.0000, 0.0000,
0.0000

152.7945,

174.9127, 160.5317

189.0702,
215.2074, 199.8417

■ 17.4174, 21.7540,
16.6456

■ 17.4174, 21.7540,
16.6456

■ 15.3549, 20.7658,
13.1874

■ 19.8180, 22.9048,
20.7042

■ 13.6137, 19.9303,
10.2998

■ 22.5690, 24.2222,
25.3882

■ 12.1780, 19.2406,
7.9524

■ 25.6845, 25.7135,
30.7230

■ 11.0303, 18.6885,
6.1118

■ 29.1771, 27.3846,
36.7323

■ 10.1510, 18.2647,
4.7407

■ 33.0587, 29.2412,
43.4383

■ 9.5182, 17.9587,
3.7965

■ 37.3409, 31.2889,
50.8625

■ 9.1066, 17.7586,
3.2292

■ 42.0347, 33.5328,
59.0253

■ 8.9144, 17.6657,
2.9400

■ 47.1508, 35.9781,
67.9463

■ 52.6992, 38.6295,
77.6444

Harmonies

Analogous

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



19.1088, 21.7540, 13.7632



17.4174, 21.7540, 16.6456



16.6145, 21.7540, 21.8456

Triad

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



17.4174, 21.7540, 16.6456



20.0234, 21.7540, 38.5020



25.0618, 21.7540, 19.3706

Complementary

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



17.4174, 21.7540, 16.6456



19.3278, 16.9497, 25.5465

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.



25.3520, 21.7540, 25.6278



17.4174, 21.7540, 16.6456



22.3277, 21.7540, 37.5041

Square

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



17.4174, 21.7540, 16.6456



18.0444, 21.7540, 34.9939



24.3188, 21.7540, 32.4762



23.5530, 21.7540, 15.1221

Rectangle

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



17.4174, 21.7540, 16.6456



16.6467, 21.7540, 26.2707



24.3188, 21.7540, 32.4762



25.3093, 21.7540, 21.2774

Sweetspot

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



17.4180, 21.7549, 16.6461



37.5816, 41.6363, 41.0045



21.2199, 23.2869, 16.7414



8.6499, 9.6168, 9.4049



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.



17.4180, 21.7549, 16.6461



28.8800, 37.4672, 26.2852



17.9264, 21.9308, 20.5637



4.9998, 5.6226, 5.3742



8.4399, 16.7209, 2.7826



0.0595, 0.1128, 0.0186

Inverse Universe

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



19.3278, 16.9497, 25.5465



32.8169, 27.5581, 44.6380



18.7537, 16.7572, 20.8437



5.2026, 5.1128, 6.3185



12.5249, 5.9710, 22.5381



0.0877, 0.0420, 0.1499

Previews

White Background



This preview shows how the XYZ color 17.4174, 21.7540, 16.6456 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 17.4174, 21.7540, 16.6456 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 17.4174, 21.7540, 16.6456

Background



This preview shows how black text looks on a background with the XYZ color 17.4174, 21.7540, 16.6456.



This preview shows how white text looks on a background with the XYZ color 17.4174, 21.7540,

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

17.4174, 21.7540, 16.6456

Protanopia

20.2215, 21.6122, 15.4177

Deuteranopia

22.0025, 21.5445, 17.1862



Tritanopia

19.8088, 21.6963, 28.7350

Trichromacy



Original Color

17.4174, 21.7540, 16.6456

Protanomaly

18.9720, 21.5519, 15.7304

Deuteranomaly

20.0459, 21.4864, 17.0007

Tritanomaly

18.9055, 21.7395, 23.9686

Monochromacy



Original Color

17.4174, 21.7540, 16.6456

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.4013, 20.5742, 19.8310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4174, 21.7540, 16.6456 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, 105)` looks like.

```
.text, #text, p{  
    color:rgb(107, 136, 105)  
}
```

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, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 136, 105) }
```

Border

The CSS property to change the border of an element to XYZ 17.4174, 21.7540, 16.6456 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, 105) }
```


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

```
.border{ border-color:rgb(107, 136, 105) }
```

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, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 136, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 136, 105);  
box-shadow:4px 4px 4px 4px rgb(107, 136,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4174, 21.7540, 16.6456 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, 105) }
```

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

```
.background{ background-color: rgb(107,  
136, 105) }
```

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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