

Converting Colors

XYZ(17.7112, 21.0111, 18.4415)

Have a look what the booklet for
XYZ(17.7112, 21.0111, 18.4415)
contains.

XYZ(17.7314, 21.0519, 18.4581)	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(17.7314, 21.0519,
18.4581)**

Conversions

Conversions Part 1

Format	Color
Hex	6F8470
RGB	111, 132, 112
RGB Percent	44%, 52%, 44%
CMY	0.5647, 0.4823, 0.5608
CMYK	0.16, 0.00, 0.15, 0.48
HSL	123°, 9%, 48%
HSV	123°, 16%, 52%
XYZ	17.7314, 21.0519, 18.4581
YIQ	123.4410, -6.0960, -10.6720

Conversions

Conversions Part 2

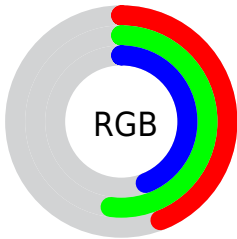
Format	Color
R_{YB}	111, 131, 132
Decimal	7308400
CIE _{Lab}	53.01, -11.74, 8.29
CIE _{LCh}	53, 14.374, 144.792
Yxy	21.0519, 0.3098, 0.3678
Android (android.graphics.Color)	4285498480 (0xFF6F8470)
YUV	123.4410, -5.6404, -10.9108
Hunter-Lab	45.8823, -11.3121, 8.2658

Details

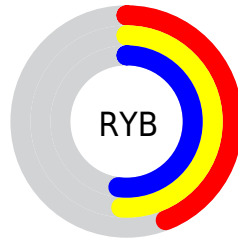
The XYZ color **17.7314, 21.0519, 18.4581** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.2976, 17.9135, 23.9142**, and the grayscale version is **18.9925, 19.9816, 21.7599**.

A 20% lighter version of the original color is **39.1541, 45.1648, 41.7760**, and **6.0686, 7.6134, 6.0002** is the 20% darker color. If you saturate the color by 10%, you get **15.5399, 19.9980, 14.9533**, and if you desaturate by 10%, it is **20.2673, 22.2732, 22.4901**.

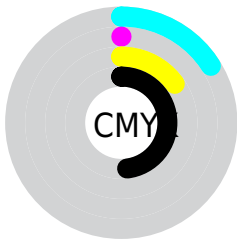
Distribution



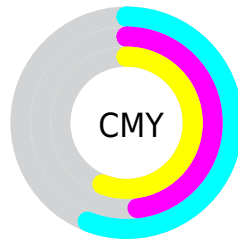
- Red (44%)
- Green (52%)
- Blue (44%)



- Red (44%)
- Yellow (51%)
- Blue (52%)



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (48%)



- Cyan (56%)
- Magenta (48%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7314, 21.0519, 18.4581 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 17.7314, 21.0519, 18.4581 by changing the saturation by 10% instead.

■ 17.7314, 21.0519,
18.4581

■ 17.7314, 21.0519,
18.4581

232.4277,
257.5542, 255.7629

■ 10.8558, 13.1619,
11.1065

■ 39.1128, 45.1739,
41.6408

■ 6.0366, 7.5402,
6.0235

■ 54.3493, 62.1747,
58.3090

■ 2.9082, 3.8021,
2.7903

■ 73.1035, 82.9813,
78.9199

■ 1.1054, 1.5635,
0.9886

■ 95.7408, 107.9780,
103.8920

■ 0.0296, 0.3328,
0.0000

122.6265,
137.5493, 133.6438

■ 0.0000, 0.0000,
0.0000

154.1260,

172.0794, 168.5938

190.6046,
211.9530, 209.1607

■ 17.7314, 21.0519,
18.4581

■ 17.7314, 21.0519,
18.4581

■ 15.5399, 19.9980,
14.9533

■ 20.2673, 22.2732,
22.4901

■ 13.6763, 19.1018,
11.9527

■ 23.1598, 23.6660,
27.0684

■ 12.1253, 18.3564,
9.4334

■ 26.4224, 25.2375,
32.2127

■ 10.8699, 17.7536,
7.3705

■ 30.0677, 26.9936,
37.9417

■ 9.8913, 17.2842,
5.7366

■ 34.1075, 28.9403,
44.2727

■ 9.1684, 16.9382,
4.5015

■ 38.5531, 31.0829,
51.2226

■ 8.6774, 16.7038,
3.6310

■ 43.4155, 33.4267,
58.8077

■ 8.3822, 16.5634,
3.0851

■ 48.7050, 35.9767,
67.0435

■ 8.2862, 16.5172,
2.9320

■ 54.4319, 38.7379,
75.9450

Harmonies

Analogous

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



18.8173, 21.0519, 16.1769



17.7314, 21.0519, 18.4581



17.2572, 21.0519, 22.1761

Triad

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



17.7314, 21.0519, 18.4581



19.7471, 21.0519, 32.2306



22.7599, 21.0519, 19.6118

Complementary

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



17.7314, 21.0519, 18.4581



19.2976, 17.9135, 23.9142

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.



23.0393, 21.0519, 23.6843



17.7314, 21.0519, 18.4581



21.2504, 21.0519, 31.3213

Square

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



17.7314, 21.0519, 18.4581



18.3829, 21.0519, 30.4020



22.4742, 21.0519, 28.0530



21.7287, 21.0519, 16.7820

Rectangle

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



17.7314, 21.0519, 18.4581



17.3335, 21.0519, 25.1091



22.4742, 21.0519, 28.0530



22.9469, 21.0519, 20.8656

Sweetspot

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



17.7320, 21.0528, 18.4586



36.0827, 39.4169, 40.2228



20.5280, 22.5006, 18.3001



8.3335, 9.1447, 9.2579



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.



17.7320, 21.0528, 18.4586



29.8091, 36.3972, 30.2402



18.3327, 21.2931, 21.6217



4.6246, 5.2081, 5.0345



8.0232, 15.9921, 2.8419



0.0283, 0.0556, 0.0127

Inverse Universe

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



19.2976, 17.9135, 23.9142



33.0962, 29.8057, 41.6943



18.6397, 17.6504, 20.4499



4.8486, 4.7591, 5.8149



12.8424, 6.2013, 19.5404



0.0452, 0.0218, 0.0716

Previews

White Background



This preview shows how the XYZ color 17.7314, 21.0519, 18.4581 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 17.7314, 21.0519, 18.4581 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 17.7314, 21.0519, 18.4581

Background



This preview shows how black text looks on a background with the XYZ color 17.7314, 21.0519, 18.4581.



This preview shows how white text looks on a background with the XYZ color 17.7314, 21.0519,

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

17.7314, 21.0519, 18.4581

Protanopia

19.8940, 21.0124, 17.4753

Deuteranopia

21.3245, 20.9736, 18.8440



Tritanopia

19.3768, 20.9182, 27.0611

Trichromacy



Original Color

17.7314, 21.0519, 18.4581

Protanomaly

18.9911, 20.9241, 17.7897

Deuteranomaly

19.8016, 20.9393, 18.6208

Tritanomaly

18.7521, 20.8629, 23.8075

Monochromacy



Original Color

17.7314, 21.0519, 18.4581

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.3984, 20.1756, 20.3773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7314, 21.0519, 18.4581 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(111, 132, 112)` looks like.

```
.text, #text, p{  
    color:rgb(111, 132, 112)  
}
```

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(111, 132, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 132, 112) }
```

Border

The CSS property to change the border of an element to XYZ 17.7314, 21.0519, 18.4581 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(111, 132, 112) }
```


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

```
.border{ border-color:rgb(111, 132, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 132, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 132, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 132, 112);  
box-shadow:4px 4px 4px 4px rgb(111, 132,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7314, 21.0519, 18.4581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 132, 112) }
```

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

```
.background{ background-color: rgb(111,  
132, 112) }
```

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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