

Converting Colors

XYZ(17.4376, 19.9778, 19.9055)

Have a look what the booklet for
XYZ(17.4376, 19.9778, 19.9055)
contains.

XYZ(17.4856, 20.1022, 19.7881)	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(17.4856, 20.1022,
19.7881)**

Conversions

Conversions Part 1

Format	Color
Hex	6F8075
RGB	111, 128, 117
RGB Percent	44%, 50%, 46%
CMY	0.5647, 0.4980, 0.5412
CMYK	0.13, 0.00, 0.09, 0.50
HSL	141°, 7%, 47%
HSV	141°, 13%, 50%
XYZ	17.4856, 20.1022, 19.7881
YIQ	121.6630, -6.6010, -7.0250

Conversions

Conversions Part 2

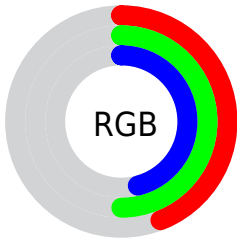
Format	Color
RYB	111, 124, 128
Decimal	7307381
CIELab	51.95, -8.53, 3.87
CIELCh	52, 9.367, 155.576
Yxy	20.1022, 0.3048, 0.3504
Android (android.graphics.Color)	4285497461 (0xFF6F8075)
YUV	121.6630, -2.2989, -9.3515
Hunter-Lab	44.8355, -8.8480, 5.2172

Details

The XYZ color **17.4856, 20.1022, 19.7881** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.1001, 17.3637, 20.8109**, and the grayscale version is **18.3981, 19.3562, 21.0789**.

A 20% lighter version of the original color is **38.7896, 43.6988, 43.9264**, and **5.9201, 7.0784, 6.6845** is the 20% darker color. If you saturate the color by 10%, you get **15.5234, 19.1450, 17.2656**, and if you desaturate by 10%, it is **19.7229, 21.1973, 22.5493**.

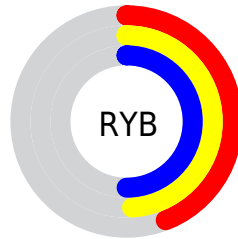
Distribution



Red (44%)

Green (50%)

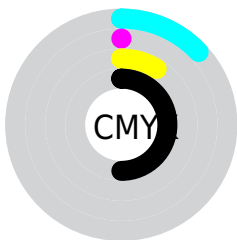
Blue (46%)



Red (44%)

Yellow (49%)

Blue (50%)

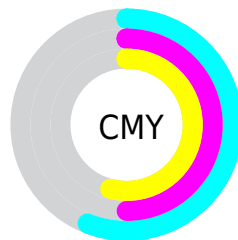


Cyan (13%)

Magenta (0%)

Yellow (9%)

Black (50%)



Cyan (56%)

Magenta (50%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4856, 20.1022, 19.7881 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 17.4856, 20.1022, 19.7881 by changing the saturation by 10% instead.

■ 17.4856, 20.1022,
19.7881

■ 17.4856, 20.1022,
19.7881

231.0575,
252.4678, 263.3318

■ 10.6788, 12.4694,
12.0586

■ 38.6958, 43.5885,
43.9159

■ 5.9170, 7.0642,
6.6605

■ 53.8299, 60.2107,
61.1513

■ 2.8348, 3.5023,
3.1755

■ 72.4705, 80.5981,
82.3923

■ 1.0670, 1.3992,
1.1849

■ 94.9828, 105.1352,
108.0576

■ 0.0000, 0.2162,
0.0000

121.7323,
134.2063, 138.5657

■ 0.0000, 0.0000,
0.0000

153.0844,

168.1959, 174.3350

189.4043,
207.4883, 215.7842

■ 17.4856, 20.1022,
19.7881

■ 17.4856, 20.1022,
19.7881

■ 15.5234, 19.1450,
17.2656

■ 19.7229, 21.1973,
22.5493

■ 13.8237, 18.3177,
14.9743

■ 22.2438, 22.4330,
25.5539

■ 12.3754, 17.6154,
12.9078

■ 25.0587, 23.8150,
28.8083

■ 11.1660, 17.0316,
11.0594

■ 28.1767, 25.3480,
32.3181

■ 10.1819, 16.5595,
9.4217

■ 31.6068, 27.0363,
36.0888

■ 9.4080, 16.1915,
7.9872

■ 35.3573, 28.8844,
40.1256

■ 8.8272, 15.9189,
6.7476

■ 39.4365, 30.8961,
44.4337

■ 8.4189, 15.7313,
5.6942

■ 43.8522, 33.0756,
49.0181

■ 8.1965, 15.6299,
5.0848

■ 48.6120, 35.4266,
53.8836

Harmonies

Analogous

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



18.0598, 20.1022, 17.8896



17.4856, 20.1022, 19.7881



17.3396, 20.1022, 22.4020

Triad

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



17.4856, 20.1022, 19.7881



19.2852, 20.1022, 27.5397



20.6366, 20.1022, 18.9734

Complementary

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



17.4856, 20.1022, 19.7881



18.1001, 17.3637, 20.8109

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.



20.9897, 20.1022, 21.3817



17.4856, 20.1022, 19.7881



20.1930, 20.1022, 26.4415

Square

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



17.4856, 20.1022, 19.7881



18.3586, 20.1022, 27.0244



20.8247, 20.1022, 24.1312



19.8746, 20.1022, 17.4473

Rectangle

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



17.4856, 20.1022, 19.7881



17.5003, 20.1022, 24.2334



20.8247, 20.1022, 24.1312



20.8082, 20.1022, 19.6988

Sweetspot

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



17.4862, 20.1031, 19.7885



34.3863, 37.1543, 39.2903



18.6223, 20.7282, 18.0587



7.9867, 8.6674, 9.1209



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.4862, 20.1031, 19.7885



29.6688, 34.8472, 33.4244



18.0059, 20.3109, 22.5254



4.3339, 4.8419, 4.9293



8.1276, 15.4976, 5.0450



0.0000, 0.0000, 0.0000

Inverse Universe

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



18.1001, 17.3637, 20.8109



30.9734, 29.0255, 35.5965



17.5989, 17.1632, 18.1713



4.4357, 4.3874, 5.0989



10.3694, 5.1674, 8.5349



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.4856, 20.1022, 19.7881 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 17.4856, 20.1022, 19.7881 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 17.4856, 20.1022, 19.7881

Background



This preview shows how black text looks on a background with the XYZ color 17.4856, 20.1022, 19.7881.



This preview shows how white text looks on a background with the XYZ color 17.4856, 20.1022,

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

17.4856, 20.1022, 19.7881

Protanopia

19.0223, 19.9700, 18.7716

Deuteranopia

20.3628, 20.0832, 20.2560



Tritanopia

18.6462, 19.9939, 25.7981

Trichromacy



Original Color

17.4856, 20.1022, 19.7881

Protanomaly

18.4542, 20.0426, 19.1156

Deuteranomaly

19.2551, 20.0631, 19.9973

Tritanomaly

18.1672, 19.9909, 23.3232

Monochromacy



Original Color

17.4856, 20.1022, 19.7881

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.0690, 19.6229, 20.6046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4856, 20.1022, 19.7881 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, 128, 117)` looks like.

```
.text, #text, p{  
    color:rgb(111, 128, 117)  
}
```

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, 128, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 128, 117) }
```

Border

The CSS property to change the border of an element to XYZ 17.4856, 20.1022, 19.7881 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, 128, 117) }
```


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

```
.border{ border-color:rgb(111, 128, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 128, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 128, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 128, 117); box-shadow:4px 4px 4px 4px rgb(111, 128, 117) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4856, 20.1022, 19.7881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 128, 117) }
```

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

```
.background{ background-color: rgb(111,  
128, 117) }
```

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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