

Converting Colors

XYZ(18.8856, 20.2650, 19.1358)

Have a look what the booklet for
XYZ(18.8856, 20.2650, 19.1358)
contains.

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Color

**XYZ(18.8856, 20.2650,
19.1358)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7D73
RGB	125, 125, 115
RGB Percent	49%, 49%, 45%
CMY	0.5098, 0.5098, 0.5490
CMYK	0.00, 0.00, 0.08, 0.51
HSL	60°, 4%, 47%
HSV	60°, 8%, 49%
XYZ	18.8856, 20.2650, 19.1358
YIQ	123.8600, 3.2100, -3.1100

Conversions

Conversions Part 2

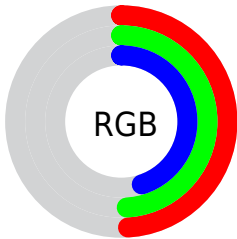
Format	Color
RYB	115, 125, 115
Decimal	8224115
CIELab	52.14, -1.92, 5.45
CIELCh	52, 5.776, 109.434
Yxy	20.2650, 0.3240, 0.3477
Android (android.graphics.Color)	4286414195 (0xFF7D7D73)
YUV	123.8600, -4.3680, 0.9998
Hunter-Lab	45.0167, -3.8940, 6.3085

Details

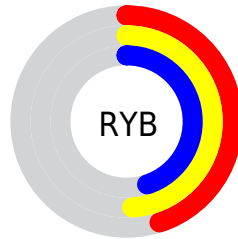
The XYZ color **18.8856, 20.2650, 19.1358** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.9033, 17.3875, 21.8683**, and the grayscale version is **19.1254, 20.1214, 21.9122**.

A 20% lighter version of the original color is **41.2555, 44.0958, 42.8962**, and **6.5781, 7.1106, 6.3360** is the 20% darker color. If you saturate the color by 10%, you get **18.2144, 19.9971, 15.6008**, and if you desaturate by 10%, it is **19.6555, 20.5737, 23.1855**.

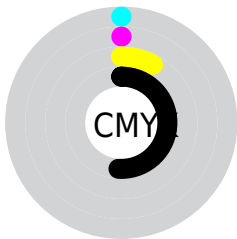
Distribution



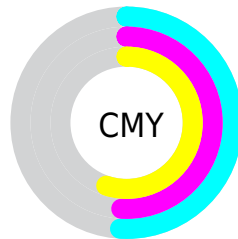
- Red (49%)
- Green (49%)
- Blue (45%)



- Red (45%)
- Yellow (49%)
- Blue (45%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (51%)



- Cyan (51%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8856, 20.2650, 19.1358 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 18.8856, 20.2650, 19.1358 by changing the saturation by 10% instead.

■ 18.8856, 20.2650,
19.1358

■ 18.8856, 20.2650,
19.1358

238.7667,
253.3461, 259.6451

■ 11.6912, 12.5878,
11.5906

■ 41.0591, 43.8610,
42.8032

■ 6.6044, 7.1453,
6.3465

■ 56.7688, 60.5487,
59.7625

■ 3.2601, 3.5532,
2.9847

■ 76.0477, 81.0086,
80.6970

■ 1.2928, 1.4269,
1.0868

99.2611, 105.6252,
106.0251

■ 0.1778, 0.2364,
0.0000

126.7743,
134.7828, 136.1654

■ 0.0000, 0.0000,
0.0000

158.9528,

168.8659, 171.5365

196.1618,
208.2589, 212.5569

■ 18.8856, 20.2650,
19.1358

■ 18.8856, 20.2650,
19.1358

■ 18.2144, 19.9971,
15.6008

■ 19.6555, 20.5737,
23.1855

■ 17.6363, 19.7658,
12.5586

■ 20.5261, 20.9220,
27.7680

■ 17.1477, 19.5704,
9.9878

■ 21.5015, 21.3121,
32.9021

■ 16.7442, 19.4089,
7.8648

■ 22.5849, 21.7456,
38.6053

■ 16.4208, 19.2795,
6.1639

■ 23.7795, 22.2235,
44.8943

■ 16.1722, 19.1800,
4.8572

■ 25.0885, 22.7471,
51.7851

■ 15.9925, 19.1081,
3.9128

■ 26.5147, 23.3176,
59.2932

■ 15.8747, 19.0609,
3.2943

■ 28.0609, 23.9361,
67.4334

■ 15.8018, 19.0317,
2.9124

■ 29.7299, 24.6038,
76.2202

Harmonies

Analogous

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



19.4704, 20.2650, 19.0176



18.8856, 20.2650, 19.1358



18.4107, 20.2650, 20.0154

Triad

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



18.8856, 20.2650, 19.1358



18.5316, 20.2650, 24.6313



20.4003, 20.2650, 22.6674

Complementary

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



18.8856, 20.2650, 19.1358



16.9033, 17.3875, 21.8683

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.



20.1376, 20.2650, 24.2503



18.8856, 20.2650, 19.1358



19.0536, 20.2650, 25.4220

Square

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



18.8856, 20.2650, 19.1358



18.2093, 20.2650, 23.1659



19.6419, 20.2650, 25.2791



20.3530, 20.2650, 20.9998

Rectangle

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



18.8856, 20.2650, 19.1358



18.2167, 20.2650, 20.9414



19.6419, 20.2650, 25.2791



20.3451, 20.2650, 23.2284

Sweetspot

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



18.8862, 20.2659, 19.1362



34.6174, 36.6089, 38.4700



17.6833, 17.8597, 18.7352



7.8790, 8.3291, 8.7756



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



18.8862, 20.2659, 19.1362



33.5343, 36.1756, 32.7696



18.1746, 19.8991, 19.1029



4.6653, 5.0194, 4.6431



16.4771, 19.8566, 2.9643



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.9033, 17.3875, 21.8683



29.0556, 29.6739, 38.9406



17.5787, 17.7356, 21.8999



4.1089, 4.2118, 5.4097



3.8638, 1.5456, 20.3446



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.8856, 20.2650, 19.1358 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 18.8856, 20.2650, 19.1358 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 18.8856, 20.2650, 19.1358

Background



This preview shows how black text looks on a background with the XYZ color 18.8856, 20.2650, 19.1358.



This preview shows how white text looks on a background with the XYZ color 18.8856, 20.2650,

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

18.8856, 20.2650, 19.1358

Protanopia

19.2982, 20.2973, 18.8202

Deuteranopia

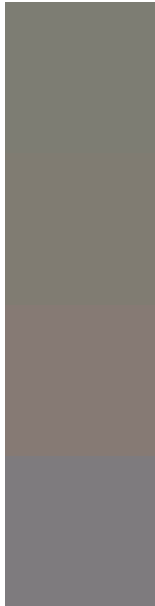
20.5163, 20.1829, 19.3374



Tritanopia

19.8768, 20.0970, 24.6613

Trichromacy



Original Color

18.8856, 20.2650, 19.1358

Protanomaly

19.1470, 20.2194, 18.8132

Deuteranomaly

19.9434, 20.2484, 19.3802

Tritanomaly

19.4530, 20.1079, 22.5946

Monochromacy



Original Color

18.8856, 20.2650, 19.1358

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.9710, 20.0809, 20.9653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8856, 20.2650, 19.1358 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(125, 125, 115)` looks like.

```
.text, #text, p{  
    color:rgb(125, 125, 115)  
}
```

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(125, 125, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 125, 115) }
```

Border

The CSS property to change the border of an element to XYZ 18.8856, 20.2650, 19.1358 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(125, 125, 115) }
```


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

```
.border{ border-color:rgb(125, 125, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 125, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 125, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 125, 115); box-shadow:4px 4px 4px 4px rgb(125, 125, 115) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8856, 20.2650, 19.1358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 125, 115) }
```

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

```
.background{ background-color: rgb(125,  
125, 115) }
```

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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