

Converting Colors

XYZ(18.5722, 20.0216, 19.8190)

Have a look what the booklet for
XYZ(18.5722, 20.0216, 19.8190)
contains.

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Color

**XYZ(18.5705, 20.0892,
19.7284)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7D75
RGB	122, 125, 117
RGB Percent	48%, 49%, 46%
CMY	0.5216, 0.5098, 0.5412
CMYK	0.02, 0.00, 0.06, 0.51
HSL	83°, 3%, 47%
HSV	83°, 6%, 49%
XYZ	18.5705, 20.0892, 19.7284
YIQ	123.1910, 0.7800, -3.1240

Conversions

Conversions Part 2

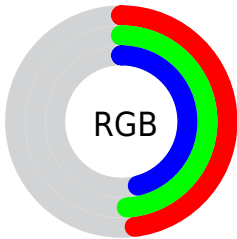
Format	Color
RYB	117, 125, 120
Decimal	8027509
CIELab	51.94, -2.70, 3.96
CIELCh	52, 4.796, 124.294
Yxy	20.0892, 0.3181, 0.3441
Android (android.graphics.Color)	4286217589 (0xFF7A7D75)
YUV	123.1910, -3.0522, -1.0445
Hunter-Lab	44.8210, -4.4795, 5.2776

Details

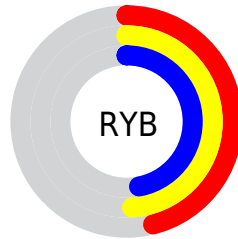
The XYZ color **18.5705, 20.0892, 19.7284** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.8096, 18.1969, 21.9769**, and the grayscale version is **18.8998, 19.8841, 21.6538**.

A 20% lighter version of the original color is **40.5374, 43.7040, 43.8353**, and **6.4063, 7.0150, 6.6466** is the 20% darker color. If you saturate the color by 10%, you get **17.2360, 19.4811, 16.0822**, and if you desaturate by 10%, it is **20.0364, 20.7548, 23.8940**.

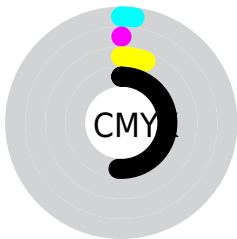
Distribution



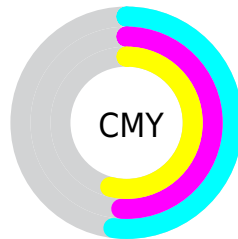
- Red (48%)
- Green (49%)
- Blue (46%)



- Red (46%)
- Yellow (49%)
- Blue (47%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (51%)



- Cyan (52%)
- Magenta (51%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5705, 20.0892, 19.7284 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 18.5705, 20.0892, 19.7284 by changing the saturation by 10% instead.

■ 18.5705, 20.0892,
19.7284

■ 18.5705, 20.0892,
19.7284

237.0512,
252.3976, 262.9964

■ 11.4625, 12.4599,
12.0157

■ 40.5296, 43.5667,
43.8143

■ 6.4484, 7.0577,
6.6317

■ 56.1114, 60.1837,
61.0246

■ 3.1628, 3.4982,
3.1579

■ 75.2485, 80.5653,
82.2378

■ 1.2405, 1.3970,
1.1758

98.3063, 105.0960,
107.8724

■ 0.1380, 0.2145,
0.0000

125.6501,
134.1602, 138.3471

■ 0.0000, 0.0000,
0.0000

157.6453,

168.1423, 174.0802

194.6572,
207.4266, 215.4905

■ 18.5705, 20.0892,
19.7284

■ 18.5705, 20.0892,
19.7284

■ 17.2360, 19.4811,
16.0822

■ 20.0364, 20.7548,
23.8940

■ 16.0268, 18.9262,
12.9337

■ 21.6361, 21.4770,
28.5969

■ 14.9391, 18.4235,
10.2616

■ 23.3740, 22.2584,
33.8558

■ 13.9678, 17.9709,
8.0426

■ 25.2538, 23.1003,
39.6881

■ 13.1077, 17.5662,
6.2516

■ 27.2792, 24.0044,
46.1103

■ 12.3531, 17.2072,
4.8606

■ 29.4535, 24.9720,
53.1385

■ 11.6975, 16.8912,
3.8388

■ 31.7801, 26.0045,
60.7881

■ 11.1337, 16.6152,
3.1505

■ 34.2621, 27.1032,
69.0737

■ 10.6485, 16.3739,
2.7284

■ 36.9027, 28.2694,
78.0097

Harmonies

Analogous

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



19.0240, 20.0892, 19.3026



18.5705, 20.0892, 19.7284



18.2614, 20.0892, 20.7290

Triad

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



18.5705, 20.0892, 19.7284



18.6902, 20.0892, 24.3848



20.0450, 20.0892, 21.6732

Complementary

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



18.5705, 20.0892, 19.7284



17.8096, 18.1969, 21.9769

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.



19.9519, 20.0892, 23.0599



18.5705, 20.0892, 19.7284



19.1645, 20.0892, 24.6636

Square

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



18.5705, 20.0892, 19.7284



18.3296, 20.0892, 23.4226



19.6276, 20.0892, 24.1692



19.8797, 20.0892, 20.3947

Rectangle

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



18.5705, 20.0892, 19.7284



18.1759, 20.0892, 21.6077



19.6276, 20.0892, 24.1692



20.0429, 20.0892, 22.1419

Sweetspot

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



18.5711, 20.0901, 19.7288



34.3675, 36.4801, 38.4584



18.3775, 19.0619, 19.5406



7.8263, 8.3019, 8.7732



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.



18.5711, 20.0901, 19.7288



32.8091, 35.7717, 34.0904



18.0254, 19.8088, 19.7033



4.5138, 4.9413, 4.6360



10.9331, 16.9986, 2.7048



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.8096, 18.1969, 21.9769



31.0841, 31.4831, 39.1829



18.3663, 18.4839, 22.0029



4.2495, 4.2842, 5.4162



5.0752, 2.1701, 20.4013



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 18.5705, 20.0892, 19.7284 looks on a white background.

Color Contrast Check

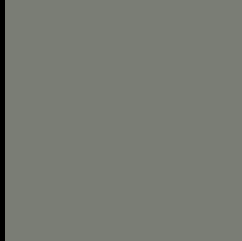
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.5705, 20.0892, 19.7284 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

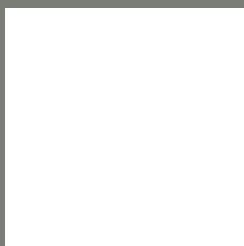
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.5705, 20.0892, 19.7284

Background



This preview shows how black text looks on a background with the XYZ color 18.5705, 20.0892, 19.7284.



This preview shows how white text looks on a background with the XYZ color 18.5705, 20.0892,

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

18.5705, 20.0892, 19.7284

Protanopia

19.1374, 20.0161, 19.3778

Deuteranopia

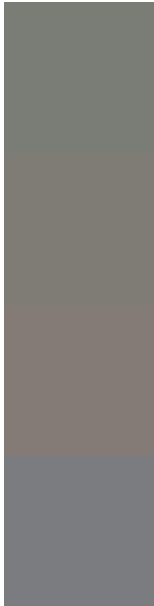
20.4677, 20.1442, 19.9490



Tritanopia

19.5600, 20.1169, 24.6818

Trichromacy



Original Color

18.5705, 20.0892, 19.7284

Protanomaly

18.9642, 20.1119, 19.4055

Deuteranomaly

19.7453, 20.1326, 19.9848

Tritanomaly

19.2068, 20.1586, 22.9574

Monochromacy



Original Color

18.5705, 20.0892, 19.7284

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.8272, 20.0067, 20.9585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5705, 20.0892, 19.7284 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(122, 125, 117)` looks like.

```
.text, #text, p{  
    color:rgb(122, 125, 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(122, 125, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 125, 117) }
```

Border

The CSS property to change the border of an element to XYZ 18.5705, 20.0892, 19.7284 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(122, 125, 117) }
```


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

```
.border{ border-color:rgb(122, 125, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 125, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 125, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 125, 117);  
box-shadow:4px 4px 4px 4px rgb(122, 125,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5705, 20.0892, 19.7284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 125, 117) }
```

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

```
.background{ background-color: rgb(122,  
125, 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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