

Converting Colors

XYZ(19.2161, 18.2520, 21.5790)

Have a look what the booklet for
XYZ(19.2161, 18.2520, 21.5790)
contains.

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Color

**XYZ(19.2161, 18.2520,
21.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	85717C
RGB	133, 113, 124
RGB Percent	52%, 44%, 49%
CMY	0.4784, 0.5569, 0.5137
CMYK	0.00, 0.15, 0.07, 0.48
HSL	327°, 8%, 48%
HSV	327°, 15%, 52%
XYZ	19.2161, 18.2520, 21.5790
YIQ	120.2340, 8.3890, 7.6610

Conversions

Conversions Part 2

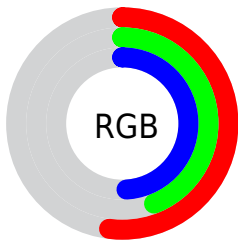
Format	Color
R_{YB}	133, 113, 124
Decimal	8745340
CIE Lab	49.80, 9.84, -3.16
CIE LCh	50, 10.330, 342.205
Yxy	18.2520, 0.3254, 0.3091
Android (android.graphics.Color)	4286935420 (0xFF85717C)
YUV	120.2340, 1.8566, 11.1958
Hunter-Lab	42.7224, 5.5234, -0.0416

Details

The XYZ color **19.2161, 18.2520, 21.5790** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.7111, 21.6914, 21.6140**, and the grayscale version is **17.9203, 18.8535, 20.5315**.

A 20% lighter version of the original color is **41.5413, 40.4840, 46.6990**, and **6.7276, 6.1276, 7.4848** is the 20% darker color. If you saturate the color by 10%, you get **17.4727, 15.3524, 19.1867**, and if you desaturate by 10%, it is **21.2011, 21.5973, 24.1657**.

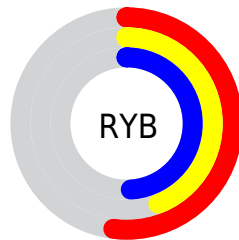
Distribution



Red (52%)

Green (44%)

Blue (49%)



Red (52%)

Yellow (44%)

Blue (49%)

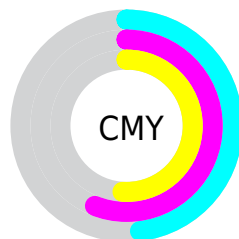


Cyan (0%)

Magenta (15%)

Yellow (7%)

Black (48%)



Cyan (48%)

Magenta (56%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2161, 18.2520, 21.5790 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 19.2161, 18.2520, 21.5790 by changing the saturation by 10% instead.

■ 19.2161, 18.2520,
21.5790

■ 19.2161, 18.2520,
21.5790

240.5544,
242.2876, 273.2212

■ 11.9315, 11.1311,
13.3525

■ 41.6130, 40.4663,
46.9424

■ 6.7689, 6.1551,
7.5382

■ 57.4560, 56.3284,
64.9164

■ 3.3630, 2.9396,
3.7174

■ 76.8824, 75.8730,
86.9767

■ 1.3485, 1.1003,
1.4716

■ 100.2577, 99.4845,
113.5418

■ 0.2191, 0.0000,
0.1966

127.9472,
127.5474, 145.0303

■ 0.0000, 0.0000,
0.0000

160.3163,

160.4459, 181.8606

197.7302,
198.5645, 224.4514

■ 19.2161, 18.2520,
21.5790

■ 19.2161, 18.2520,
21.5790

■ 17.4727, 15.3524,
19.1867

■ 21.2011, 21.5973,
24.1657

■ 15.9593, 12.8772,
16.9822

■ 23.4352, 25.4038,
26.9505

■ 14.6661, 10.8067,
14.9605

■ 25.9278, 29.6892,
29.9387

■ 13.5816, 9.1189,
13.1156

■ 28.6871, 34.4694,
33.1349

■ 12.6934, 7.7896,
11.4412

■ 31.7211, 39.7598,
36.5436

■ 11.9876, 6.7916,
9.9304

■ 35.0373, 45.5749,
40.1690

■ 11.4483, 6.0942,
8.5757

■ 38.6431, 51.9287,
44.0153

■ 11.0532, 5.6534,
7.3671

■ 42.5455, 58.8348,
48.0865

■ 10.8804, 5.4696,
6.8106

■ 46.7512, 66.3061,
52.3866

Harmonies

Analogous

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



18.6527, 18.2520, 24.1719



19.2161, 18.2520, 21.5790



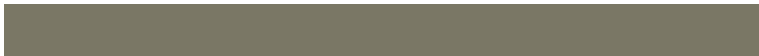
19.2674, 18.2520, 18.7477

Triad

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



19.2161, 18.2520, 21.5790



16.9503, 18.2520, 15.0256



15.9814, 18.2520, 23.7477

Complementary

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



19.2161, 18.2520, 21.5790



18.7111, 21.6914, 21.6140

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.



15.5605, 18.2520, 21.0432



19.2161, 18.2520, 21.5790



16.1055, 18.2520, 16.1172

Square

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



19.2161, 18.2520, 21.5790



17.9338, 18.2520, 15.1397



15.6050, 18.2520, 18.2600



16.7751, 18.2520, 25.5032

Rectangle

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



19.2161, 18.2520, 21.5790



19.0018, 18.2520, 17.1183



15.6050, 18.2520, 18.2600



15.7930, 18.2520, 22.9091

Sweetspot

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



19.2166, 18.2528, 21.5794



37.9369, 38.6262, 43.2378



18.1655, 17.6421, 24.6385



8.4964, 8.6167, 9.6768



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.



19.2166, 18.2528, 21.5794



33.3119, 30.8474, 37.1602



18.6159, 18.0125, 18.4160



4.7717, 4.7284, 5.4103



10.3677, 5.2114, 6.5087



0.0396, 0.0195, 0.0420

Inverse Universe

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



19.2166, 18.2528, 21.5794



33.3119, 30.8474, 37.1602



19.3630, 21.9522, 25.0468



4.7717, 4.7284, 5.4103



10.3677, 5.2114, 6.5087



0.0396, 0.0195, 0.0420

Previews

White Background



This preview shows how the XYZ color 19.2161, 18.2520, 21.5790 looks on a white 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

Black Background



This preview shows how the XYZ color 19.2161, 18.2520, 21.5790 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

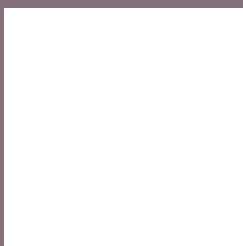
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2161, 18.2520, 21.5790

Background



This preview shows how black text looks on a background with the XYZ color 19.2161, 18.2520, 21.5790.



This preview shows how white text looks on a background with the XYZ color 19.2161, 18.2520,

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

19.2161, 18.2520, 21.5790

Protanopia

17.7804, 18.3407, 22.6817

Deuteranopia

18.6709, 18.3059, 21.6181



Tritanopia

19.0908, 18.2019, 20.9195

Trichromacy



Original Color

19.2161, 18.2520, 21.5790

Protanomaly

18.1797, 18.2081, 22.2950

Deuteranomaly

18.8613, 18.2357, 21.5945

Tritanomaly

19.1531, 18.2269, 21.2475

Monochromacy



Original Color

19.2161, 18.2520, 21.5790

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.2699, 18.4630, 20.6900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2161, 18.2520, 21.5790 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(133, 113, 124)` looks like.

```
.text, #text, p{  
    color:rgb(133, 113, 124)  
}
```

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(133, 113, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 113, 124) }
```

Border

The CSS property to change the border of an element to XYZ 19.2161, 18.2520, 21.5790 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(133, 113, 124) }
```


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

```
.border{ border-color:rgb(133, 113, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 113, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 113, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 113, 124);  
box-shadow:4px 4px 4px 4px rgb(133, 113,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2161, 18.2520, 21.5790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 113, 124) }
```

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

```
.background{ background-color: rgb(133,  
113, 124) }
```

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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