

Converting Colors

XYZ(17.5419, 21.7524, 18.8717)

Have a look what the booklet for
XYZ(17.5419, 21.7524, 18.8717)
contains.

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Color

**XYZ(17.6105, 21.8038,
18.9032)**

Conversions

Conversions Part 1

Format	Color
Hex	698871
RGB	105, 136, 113
RGB Percent	41%, 53%, 44%
CMY	0.5882, 0.4667, 0.5569
CMYK	0.23, 0.00, 0.17, 0.47
HSL	135°, 13%, 47%
HSV	135°, 23%, 53%
XYZ	17.6105, 21.8038, 18.9032
YIQ	124.1090, -11.0930, -13.7250

Conversions

Conversions Part 2

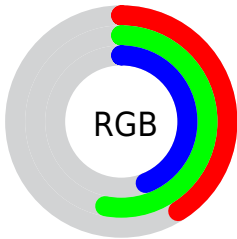
Format	Color
RYB	105, 130, 136
Decimal	6916209
CIELab	53.82, -15.89, 8.80
CIElCh	54, 18.170, 151.018
Yxy	21.8038, 0.3020, 0.3739
Android (android.graphics.Color)	4285106289 (0xFF698871)
YUV	124.1090, -5.4767, -16.7586
Hunter-Lab	46.6945, -14.3955, 8.6840

Details

The XYZ color **17.6105, 21.8038, 18.9032** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.1019, 16.8964, 22.6776**, and the grayscale version is **19.2153, 20.2160, 22.0152**.

A 20% lighter version of the original color is **38.8938, 46.2799, 42.4803**, and **5.9693, 7.9071, 6.2126** is the 20% darker color. If you saturate the color by 10%, you get **15.6023, 20.8312, 16.0069**, and if you desaturate by 10%, it is **19.9386, 22.9353, 22.1451**.

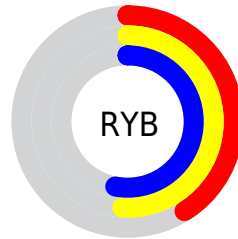
Distribution



Red (41%)

Green (53%)

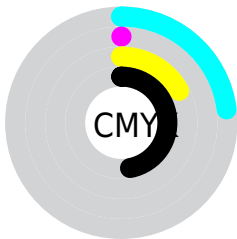
Blue (44%)



Red (41%)

Yellow (51%)

Blue (53%)

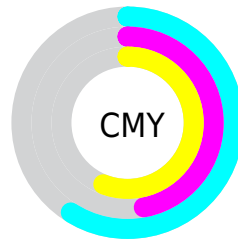


Cyan (23%)

Magenta (0%)

Yellow (17%)

Black (47%)



Cyan (59%)

Magenta (47%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6105, 21.8038, 18.9032 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 17.6105, 21.8038, 18.9032 by changing the saturation by 10% instead.

■ 17.6105, 21.8038,
18.9032

■ 17.6105, 21.8038,
18.9032

231.7547,
261.5200, 258.3187

■ 10.7687, 13.7128,
11.4242

■ 38.9078, 46.4215,
42.4050

■ 5.9777, 7.9212,
6.2352

■ 54.0940, 63.7170,
59.2649

■ 2.8720, 4.0446,
2.9175

■ 72.7924, 84.8495,
80.0889

■ 1.0865, 1.6985,
1.0527

■ 95.3684, 110.2033,
105.2955

■ 0.0137, 0.4227,
0.0000

122.1872,
140.1628, 135.3032

■ 0.0000, 0.0000,
0.0000

153.6143,

175.1125, 170.5306

190.0150,
215.4368, 211.3963

■ 17.6105, 21.8038,
18.9032

■ 17.6105, 21.8038,
18.9032

■ 15.6023, 20.8312,
16.0069

■ 19.9386, 22.9353,
22.1451

■ 13.8979, 20.0075,
13.4435

■ 22.5981, 24.2294,
25.7422

■ 12.4829, 19.3262,
11.2013

■ 25.6021, 25.6934,
29.7052

■ 11.3404, 18.7788,
9.2677

■ 28.9624, 27.3332,
34.0442

■ 10.4521, 18.3563,
7.6289

■ 32.6904, 29.1543,
38.7686

■ 9.7973, 18.0481,
6.2703

■ 36.7967, 31.1622,
43.8878

■ 9.3517, 17.8421,
5.1760

■ 41.2919, 33.3619,
49.4107

■ 9.1094, 17.7310,
4.5399

■ 46.1857, 35.7584,
55.3459

■ 51.4878, 38.3566,
61.7017

Harmonies

Analogous

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



18.8491, 21.8038, 15.6677



17.6105, 21.8038, 18.9032



17.1926, 21.8038, 23.9321

Triad

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



17.6105, 21.8038, 18.9032



20.7906, 21.8038, 36.1935



24.1103, 21.8038, 18.6205

Complementary

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



17.6105, 21.8038, 18.9032



19.1019, 16.8964, 22.6776

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.



24.7082, 21.8038, 23.5502



17.6105, 21.8038, 18.9032



22.7190, 21.8038, 34.1973

Square

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



17.6105, 21.8038, 18.9032



18.9577, 21.8038, 34.4415



24.1841, 21.8038, 29.3401



22.5965, 21.8038, 15.5234

Rectangle

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



17.6105, 21.8038, 18.9032



17.4136, 21.8038, 27.8090



24.1841, 21.8038, 29.3401



24.4292, 21.8038, 20.0898

Sweetspot

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



17.6111, 21.8047, 18.9037



37.7075, 41.6677, 42.5234



20.2945, 23.2378, 16.7806



8.6808, 9.6246, 9.7780



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.6111, 21.8047, 18.9037



29.2701, 37.5690, 30.7923



18.5433, 22.1776, 23.8127



5.0214, 5.6280, 5.6337



8.6248, 16.7825, 4.3147



0.0626, 0.1136, 0.0564

Inverse Universe

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



19.1019, 16.8964, 22.6776



32.3433, 27.4478, 38.5690



18.1722, 16.5245, 17.7813



5.1797, 5.1073, 6.0345



11.8325, 5.8431, 12.1542



0.0846, 0.0412, 0.1122

Previews

White Background



This preview shows how the XYZ color 17.6105, 21.8038, 18.9032 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 17.6105, 21.8038, 18.9032 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 17.6105, 21.8038, 18.9032

Background



This preview shows how black text looks on a background with the XYZ color 17.6105, 21.8038, 18.9032.



This preview shows how white text looks on a background with the XYZ color 17.6105, 21.8038,

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

17.6105, 21.8038, 18.9032

Protanopia

20.4712, 21.6934, 17.5763

Deuteranopia

22.0371, 21.6960, 19.5493



Tritanopia

19.5642, 21.7705, 28.7622

Trichromacy



Original Color

17.6105, 21.8038, 18.9032

Protanomaly

19.2430, 21.6435, 17.9152

Deuteranomaly

20.0196, 21.4220, 19.2994

Tritanomaly

18.6686, 21.6019, 24.6584

Monochromacy



Original Color

17.6105, 21.8038, 18.9032

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.4455, 20.5763, 20.7687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6105, 21.8038, 18.9032 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(105, 136, 113)` looks like.

```
.text, #text, p{  
    color:rgb(105, 136, 113)  
}
```

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(105, 136, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 136, 113) }
```

Border

The CSS property to change the border of an element to XYZ 17.6105, 21.8038, 18.9032 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(105, 136, 113) }
```


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

```
.border{ border-color:rgb(105, 136, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 136, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 136, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 136, 113);  
box-shadow:4px 4px 4px 4px rgb(105, 136,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6105, 21.8038, 18.9032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 136, 113) }
```

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

```
.background{ background-color: rgb(105,  
136, 113) }
```

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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