

Converting Colors

XYZ(18.1593, 21.9038, 18.0525)

Have a look what the booklet for
XYZ(18.1593, 21.9038, 18.0525)
contains.

XYZ(18.1605, 21.8985, 18.0215)	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(18.1605, 21.8985,
18.0215)**

Conversions

Conversions Part 1

Format	Color
Hex	70876E
RGB	112, 135, 110
RGB Percent	44%, 53%, 43%
CMY	0.5608, 0.4706, 0.5686
CMYK	0.17, 0.00, 0.19, 0.47
HSL	115°, 10%, 48%
HSV	115°, 19%, 53%
XYZ	18.1605, 21.8985, 18.0215
YIQ	125.2730, -5.6830, -12.6510

Conversions

Conversions Part 2

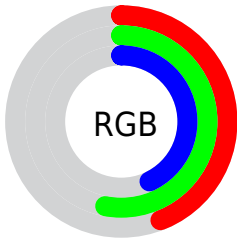
Format	Color
RYB	110, 135, 133
Decimal	7374702
CIELab	53.92, -13.39, 10.74
CIElCh	54, 17.168, 141.272
Yxy	21.8985, 0.3127, 0.3770
Android (android.graphics.Color)	4285564782 (0xFF70876E)
YUV	125.2730, -7.5296, -11.6404
Hunter-Lab	46.7958, -12.6205, 9.9240

Details

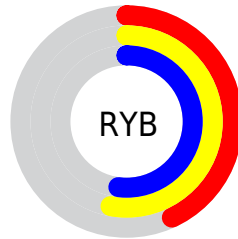
The XYZ color **18.1605, 21.8985, 18.0215** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.6230, 17.8883, 25.3414**, and the grayscale version is **19.6114, 20.6328, 22.4691**.

A 20% lighter version of the original color is **39.8146, 46.4676, 41.0531**, and **6.2324, 7.9348, 5.7605** is the 20% darker color. If you saturate the color by 10%, you get **16.0080, 20.8680, 14.3718**, and if you desaturate by 10%, it is **20.6442, 23.0880, 22.2723**.

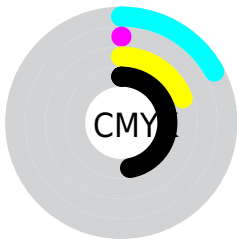
Distribution



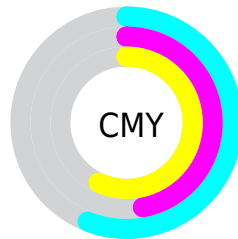
- Red (44%)
- Green (53%)
- Blue (43%)



- Red (43%)
- Yellow (53%)
- Blue (52%)



- Cyan (17%)
- Magenta (0%)
- Yellow (19%)
- Black (47%)



- Cyan (56%)
- Magenta (47%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1605, 21.8985, 18.0215 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 18.1605, 21.8985, 18.0215 by changing the saturation by 10% instead.

■ 18.1605, 21.8985,
18.0215

■ 18.1605, 21.8985,
18.0215

234.8023,
262.0158, 253.2324

■ 11.1657, 13.7823,
10.7958

■ 39.8386, 46.5782,
40.8884

■ 6.2465, 7.9694,
5.8173

■ 55.2525, 63.9105,
57.3667

■ 3.0376, 4.0754,
2.6673

■ 74.2035, 85.0836,
77.7663

■ 1.1737, 1.7158,
0.9269

■ 97.0570, 110.4820,
102.5057

■ 0.0854, 0.4339,
0.0000

124.1782,
140.4900, 132.0035

■ 0.0000, 0.0000,
0.0000

155.9326,

175.4921, 166.6781

192.6855,
215.8725, 206.9483

■ 18.1605, 21.8985,
18.0215

■ 18.1605, 21.8985,
18.0215

■ 16.0080, 20.8680,
14.3718

■ 20.6442, 23.0880,
22.2723

■ 14.1711, 19.9873,
11.2947

■ 23.4705, 24.4401,
27.1479

■ 12.6354, 19.2501,
8.7616

■ 26.6524, 25.9614,
32.6729

■ 11.3848, 18.6488,
6.7409

■ 30.2016, 27.6576,
38.8697

■ 10.4016, 18.1751,
5.1976

■ 34.1293, 29.5339,
45.7600

■ 9.6663, 17.8197,
4.0924

■ 38.4463, 31.5956,
53.3642

■ 9.1565, 17.5722,
3.3800

■ 43.1629, 33.8474,
61.7021

■ 8.8360, 17.4160,
2.9533

■ 48.2890, 36.2941,
70.7926

■ 8.7997, 17.3986,
2.8945

■ 53.8343, 38.9403,
80.6539

Harmonies

Analogous

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



19.5499, 21.8985, 15.5550



18.1605, 21.8985, 18.0215



17.4923, 21.8985, 22.3310

Triad

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



18.1605, 21.8985, 18.0215



20.2787, 21.8985, 35.3964



24.3076, 21.8985, 20.3357

Complementary

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



18.1605, 21.8985, 18.0215



19.6230, 17.8883, 25.3414

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.



24.5313, 21.8985, 25.4233



18.1605, 21.8985, 18.0215



22.1311, 21.8985, 34.6521

Square

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



18.1605, 21.8985, 18.0215



18.6669, 21.8985, 32.7063



23.7139, 21.8985, 30.8017



23.1195, 21.8985, 16.7470

Rectangle

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



18.1605, 21.8985, 18.0215



17.5168, 21.8985, 25.8908



23.7139, 21.8985, 30.8017



24.5007, 21.8985, 21.9075

Sweetspot

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



18.1611, 21.8994, 18.0220



38.1185, 41.8947, 41.8626



21.1833, 23.0301, 18.0809



8.7664, 9.6729, 9.5891



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.



18.1611, 21.8994, 18.0220



30.9202, 38.4488, 29.5494



18.5106, 22.0102, 21.1756



4.6483, 5.2212, 4.9922



8.1195, 16.0457, 2.6692



0.0302, 0.0567, 0.0093

Inverse Universe

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



19.6230, 17.8883, 25.3414



34.0130, 29.9602, 45.0386



19.2435, 17.7734, 21.6799



4.8222, 4.7444, 5.8624



11.7300, 5.5812, 21.5957



0.0433, 0.0207, 0.0749

Previews

White Background



This preview shows how the XYZ color 18.1605, 21.8985, 18.0215 looks on a white background.

Color Contrast Check

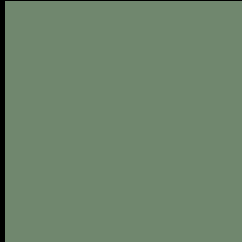
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.1605, 21.8985, 18.0215 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 18.1605, 21.8985, 18.0215

Background



This preview shows how black text looks on a background with the XYZ color 18.1605, 21.8985, 18.0215.



This preview shows how white text looks on a background with the XYZ color 18.1605, 21.8985,

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

18.1605, 21.8985, 18.0215

Protanopia

20.5264, 21.7341, 17.0232

Deuteranopia

22.1649, 21.7882, 18.3666



Tritanopia

20.2601, 21.9376, 28.3659

Trichromacy



Original Color

18.1605, 21.8985, 18.0215

Protanomaly

19.5755, 21.8273, 17.3687

Deuteranomaly

20.4199, 21.6544, 18.1424

Tritanomaly

19.3508, 21.7591, 24.2991

Monochromacy



Original Color

18.1605, 21.8985, 18.0215

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.9862, 21.0496, 20.8316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1605, 21.8985, 18.0215 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(112, 135, 110)` looks like.

```
.text, #text, p{  
    color:rgb(112, 135, 110)  
}
```

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(112, 135, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 135, 110) }
```

Border

The CSS property to change the border of an element to XYZ 18.1605, 21.8985, 18.0215 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(112, 135, 110) }
```


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

```
.border{ border-color:rgb(112, 135, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 135, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 135, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 135, 110);  
box-shadow:4px 4px 4px 4px rgb(112, 135,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1605, 21.8985, 18.0215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 135, 110) }
```

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

```
.background{ background-color: rgb(112,  
135, 110) }
```

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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