

Converting Colors

XYZ(18.0360, 21.0986, 23.4992)

Have a look what the booklet for
XYZ(18.0360, 21.0986, 23.4992)
contains.

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Color

**XYZ(18.0914, 21.1252,
23.5461)**

Conversions

Conversions Part 1

Format	Color
Hex	6A8480
RGB	106, 132, 128
RGB Percent	42%, 52%, 50%
CMY	0.5843, 0.4823, 0.4980
CMYK	0.20, 0.00, 0.03, 0.48
HSL	171°, 11%, 47%
HSV	171°, 20%, 52%
XYZ	18.0914, 21.1252, 23.5461
YIQ	123.7700, -14.2120, -6.7560

Conversions

Conversions Part 2

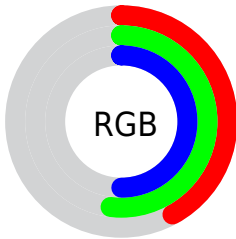
Format	Color
R_{YB}	106, 120, 132
Decimal	6980736
CIE _{Lab}	53.09, -10.17, -0.93
CIE _{LCh}	53, 10.211, 185.239
Yxy	21.1252, 0.2883, 0.3366
Android (android.graphics.Color)	4285170816 (0xFF6A8480)
YUV	123.7700, 2.0854, -15.5843
Hunter-Lab	45.9622, -10.1735, 1.7996

Details

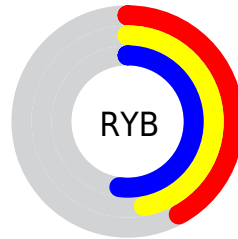
The XYZ color **18.0914, 21.1252, 23.5461** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.4850, 16.3400, 16.9852**, and the grayscale version is **19.0788, 20.0724, 21.8588**.

A 20% lighter version of the original color is **39.7900, 45.3032, 50.3633**, and **6.2495, 7.6506, 8.5445** is the 20% darker color. If you saturate the color by 10%, you get **16.5096, 20.3256, 22.7813**, and if you desaturate by 10%, it is **19.9185, 22.0521, 24.3372**.

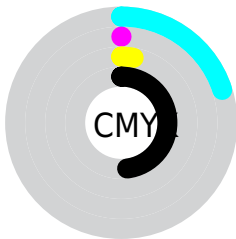
Distribution



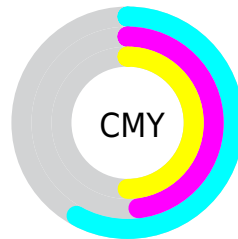
- Red (42%)
- Green (52%)
- Blue (50%)



- Red (42%)
- Yellow (47%)
- Blue (52%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (48%)



- Cyan (58%)
- Magenta (48%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0914, 21.1252, 23.5461 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 18.0914, 21.1252, 23.5461 by changing the saturation by 10% instead.

■ 18.0914, 21.1252,
23.5461

■ 18.0914, 21.1252,
23.5461

234.4213,
257.9431, 283.7299

■ 11.1157, 13.2156,
14.7882

■ 39.7219, 45.2958,
50.2230

■ 6.2126, 7.5771,
8.5259

■ 55.1074, 62.3256,
68.9790

■ 3.0167, 3.8256,
4.3407

■ 74.0268, 83.1641,
91.9049

■ 1.1626, 1.5765,
1.8140

■ 96.8456, 108.1959,
119.4191

■ 0.0765, 0.3417,
0.4372

123.9291,
137.8053, 151.9401

■ 0.0000, 0.0000,
0.0000

155.6427,

172.3767, 189.8866

192.3516,
212.2945, 233.6770

■ 18.0914, 21.1252,
23.5461

■ 18.0914, 21.1252,
23.5461

■ 16.5096, 20.3256,
22.7813

■ 19.9185, 22.0521,
24.3372

■ 15.1604, 19.6451,
22.0409

■ 21.9996, 23.1090,
25.1538

■ 14.0325, 19.0783,
21.3247

■ 24.3449, 24.3018,
25.9969

■ 13.1129, 18.6186,
20.6320

■ 26.9636, 25.6352,
26.8671

■ 12.3874, 18.2587,
19.9619

■ 29.8645, 27.1138,
27.7647

■ 11.8398, 17.9901,
19.3138

■ 33.0560, 28.7419,
28.6903

■ 11.4513, 17.8034,
18.6867

■ 36.5460, 30.5236,
29.6443

■ 11.1672, 17.6701,
18.0778

■ 40.3424, 32.4629,
30.6272

■ 11.1588, 17.6662,
18.0596

■ 44.4524, 34.5636,
31.6394

Harmonies

Analogous

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



18.2610, 21.1252, 20.6120



18.0914, 21.1252, 23.5461



18.4386, 21.1252, 26.5865

Triad

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



18.0914, 21.1252, 23.5461



21.2944, 21.1252, 28.1795



20.9565, 21.1252, 18.0374

Complementary

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



18.0914, 21.1252, 23.5461



17.4850, 16.3400, 16.9852

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.



21.8136, 21.1252, 19.7546



18.0914, 21.1252, 23.5461



22.0135, 21.1252, 25.5694

Square

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



18.0914, 21.1252, 23.5461



20.2681, 21.1252, 29.4098



22.2068, 21.1252, 22.4659



19.8909, 21.1252, 17.5995

Rectangle

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



18.0914, 21.1252, 23.5461



18.9241, 21.1252, 28.2119



22.2068, 21.1252, 22.4659



21.2797, 21.1252, 18.4762

Sweetspot

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



18.0920, 21.1261, 23.5466



36.3389, 39.4795, 43.3753



17.3254, 20.8804, 16.7532



8.4161, 9.1691, 10.0810



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.



18.0920, 21.1261, 23.5466



30.4665, 36.5027, 40.8177



17.2337, 18.9796, 24.5859



4.7716, 5.2669, 5.8087



10.8056, 17.1051, 17.4937



0.0395, 0.0601, 0.0715

Inverse Universe

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



17.4850, 16.3400, 16.9852



29.1792, 26.3475, 26.8987



18.2107, 18.1324, 16.1761



4.6996, 4.6995, 5.0307



9.3400, 4.8003, 1.0969



0.0341, 0.0173, 0.0128

Previews

White Background



This preview shows how the XYZ color 18.0914, 21.1252, 23.5461 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 18.0914, 21.1252, 23.5461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

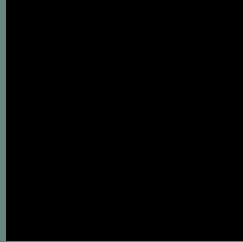
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.0914, 21.1252, 23.5461

Background



This preview shows how black text looks on a background with the XYZ color 18.0914, 21.1252, 23.5461.



This preview shows how white text looks on a background with the XYZ color 18.0914, 21.1252,

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

18.0914, 21.1252, 23.5461

Protanopia

20.1522, 21.0441, 22.0686

Deuteranopia

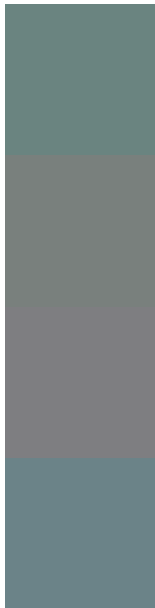
21.4288, 21.0960, 24.0616



Tritanopia

18.9006, 21.0469, 27.8772

Trichromacy



Original Color

18.0914, 21.1252, 23.5461

Protanomaly

19.3060, 20.9840, 22.4348

Deuteranomaly

20.0275, 20.9423, 23.7556

Tritanomaly

18.6236, 21.1360, 26.3906

Monochromacy



Original Color

18.0914, 21.1252, 23.5461

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.6272, 20.4413, 22.3658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0914, 21.1252, 23.5461 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(106, 132, 128)` looks like.

```
.text, #text, p{  
    color:rgb(106, 132, 128)  
}
```

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(106, 132, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 132, 128) }
```

Border

The CSS property to change the border of an element to XYZ 18.0914, 21.1252, 23.5461 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(106, 132, 128) }
```


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

```
.border{ border-color:rgb(106, 132, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 132, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 132, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 132, 128);  
box-shadow:4px 4px 4px 4px rgb(106, 132,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0914, 21.1252, 23.5461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 132, 128) }
```

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

```
.background{ background-color: rgb(106,  
132, 128) }
```

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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