

Converting Colors

XYZ(14.8854, 15.8736, 20.1568)

Have a look what the booklet for
XYZ(14.8854, 15.8736, 20.1568)
contains.

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Color

**XYZ(14.8933, 15.8875,
20.0509)**

Conversions

Conversions Part 1

Format	Color
Hex	687078
RGB	104, 112, 120
RGB Percent	41%, 44%, 47%
CMY	0.5922, 0.5608, 0.5294
CMYK	0.13, 0.07, 0.00, 0.53
HSL	210°, 7%, 44%
HSV	210°, 13%, 47%
XYZ	14.8933, 15.8875, 20.0509
YIQ	110.5200, -7.3360, 0.7920

Conversions

Conversions Part 2

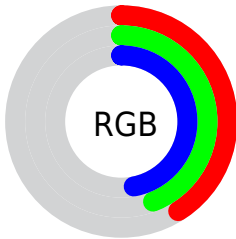
Format	Color
R_{YB}	104, 109, 120
Decimal	6844536
CIE _{Lab}	46.83, -1.24, -5.46
CIE _{LCh}	47, 5.604, 257.166
Yxy	15.8875, 0.2930, 0.3126
Android (android.graphics.Color)	4285034616 (0xFF687078)
YUV	110.5200, 4.6736, -5.7180
Hunter-Lab	39.8591, -3.0572, -1.9241

Details

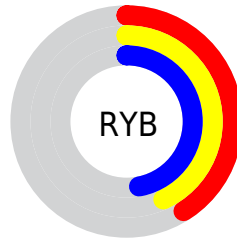
The XYZ color **14.8933, 15.8875, 20.0509** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.0387, 16.5809, 15.4522**, and the grayscale version is **14.9595, 15.7385, 17.1392**.

A 20% lighter version of the original color is **34.2394, 36.4980, 44.2699**, and **4.6904, 5.0045, 6.8496** is the 20% darker color. If you saturate the color by 10%, you get **12.9584, 13.9403, 19.7773**, and if you desaturate by 10%, it is **17.0715, 18.0264, 20.3492**.

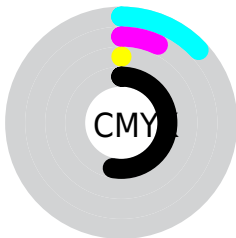
Distribution



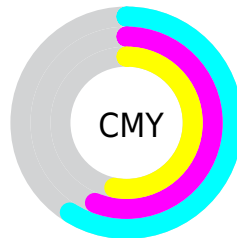
- Red (41%)
- Green (44%)
- Blue (47%)



- Red (41%)
- Yellow (43%)
- Blue (47%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (53%)



- Cyan (59%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8933, 15.8875, 20.0509 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 14.8933, 15.8875, 20.0509 by changing the saturation by 10% instead.

■ 14.8933, 15.8875,
20.0509

■ 14.8933, 15.8875,
20.0509

216.1207,
228.6770, 264.8039

■ 8.8304, 9.4446,
12.2476

■ 34.2391, 36.4028,
44.3626

■ 4.6869, 5.0323,
6.7880

■ 48.2526, 51.2439,
61.7081

■ 2.0976, 2.2662,
3.2534

■ 65.6471, 69.6533,
83.0714

■ 0.6879, 0.7557,
1.2254

■ 86.7879, 92.0153,
108.8710

■ 0.0000, 0.0000,
0.0000

112.0402,
118.7142, 139.5255

141.7696,

150.1346, 175.4535

176.3413,
186.6607, 217.0734

■ 14.8933, 15.8875,
20.0509

■ 14.8933, 15.8875,
20.0509

■ 12.9584, 13.9403,
19.7773

■ 17.0715, 18.0264,
20.3492

■ 11.2562, 12.1769,
19.5266

■ 19.5002, 20.3608,
20.6718

■ 9.7774, 10.5916,
19.2986

■ 22.1882, 22.8967,
21.0196

■ 8.5115, 9.1775,
19.0924

■ 25.1433, 25.6394,
21.3932

■ 7.4469, 7.9274,
18.9072

■ 28.3730, 28.5939,
21.7933

■ 6.5710, 6.8334,
18.7422

■ 31.8844, 31.7649,
22.2203

■ 5.8696, 5.8865,
18.5964

■ 35.6844, 35.1571,
22.6747

■ 5.3244, 5.0759,
18.4686

■ 39.7798, 38.7751,
23.1572

■ 5.0067, 4.5891,
18.3914

■ 44.1770, 42.6231,
23.6682

Harmonies

Analogous

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



14.4721, 15.8875, 19.3433



14.8933, 15.8875, 20.0509



15.3790, 15.8875, 19.9930

Triad

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



14.8933, 15.8875, 20.0509



16.0142, 15.8875, 16.5184



14.4235, 15.8875, 15.5368

Complementary

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



14.8933, 15.8875, 20.0509



16.0387, 16.5809, 15.4522

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.



14.8256, 15.8875, 14.8582



14.8933, 15.8875, 20.0509



15.7470, 15.8875, 15.4036

Square

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



14.8933, 15.8875, 20.0509



16.0332, 15.8875, 17.9021



15.3098, 15.8875, 14.8108



14.2048, 15.8875, 16.7092

Rectangle

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



14.8933, 15.8875, 20.0509



15.6741, 15.8875, 19.5278



15.3098, 15.8875, 14.8108



14.5413, 15.8875, 15.2462

Sweetspot

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



14.8938, 15.8882, 20.0513



29.7168, 31.4050, 35.7486



15.3355, 17.5402, 17.8292



6.9815, 7.3832, 8.4638



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.8938, 15.8882, 20.0513



25.1093, 26.8609, 35.1144



14.0767, 14.2539, 19.7789



3.9478, 4.1939, 5.0446



5.4477, 4.9779, 20.0590



25.1350, 22.0426, 95.3997

Inverse Universe

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



15.6211, 15.0640, 17.4143



26.6605, 25.1515, 29.4793



16.9291, 18.3617, 15.7490



4.0741, 4.0454, 4.5879



9.3331, 4.7094, 5.0450



44.0901, 22.2924, 21.8024

Previews

White Background



This preview shows how the XYZ color 14.8933, 15.8875, 20.0509 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 14.8933, 15.8875, 20.0509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

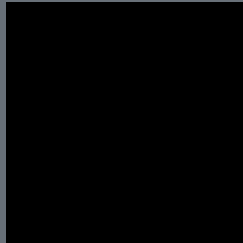
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

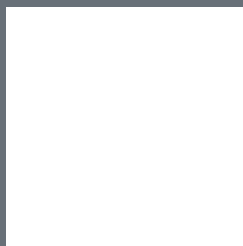
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8933, 15.8875, 20.0509

Background



This preview shows how black text looks on a background with the XYZ color 14.8933, 15.8875, 20.0509.



This preview shows how white text looks on a background with the XYZ color 14.8933, 15.8875,

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

14.8933, 15.8875, 20.0509

Protanopia

15.4612, 15.8633, 19.6998

Deuteranopia

16.1499, 15.8875, 20.3046



Tritanopia

14.9543, 15.9119, 20.3723

Trichromacy



Original Color

14.8933, 15.8875, 20.0509

Protanomaly

15.1986, 15.8889, 19.7186

Deuteranomaly

15.6019, 15.7625, 20.3093

Tritanomaly

14.9543, 15.9119, 20.3723

Monochromacy



Original Color

14.8933, 15.8875, 20.0509

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.9060, 15.7719, 18.1782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8933, 15.8875, 20.0509 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(104, 112, 120)` looks like.

```
.text, #text, p{  
    color:rgb(104, 112, 120)  
}
```

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(104, 112, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 112, 120) }
```

Border

The CSS property to change the border of an element to XYZ 14.8933, 15.8875, 20.0509 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(104, 112, 120) }
```


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

```
.border{ border-color:rgb(104, 112, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 112, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 112, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 112, 120);  
box-shadow:4px 4px 4px 4px rgb(104, 112,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8933, 15.8875, 20.0509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 112, 120) }
```

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

```
.background{ background-color: rgb(104,  
112, 120) }
```

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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