

Converting Colors

XYZ(13.6179, 14.8706, 20.6951)

Have a look what the booklet for
XYZ(13.6179, 14.8706, 20.6951)
contains.

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Color

**XYZ(13.6030, 14.8842,
20.5683)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6E7A
RGB	93, 110, 122
RGB Percent	36%, 43%, 48%
CMY	0.6353, 0.5686, 0.5216
CMYK	0.24, 0.10, 0.00, 0.52
HSL	205°, 13%, 42%
HSV	205°, 24%, 48%
XYZ	13.6030, 14.8842, 20.5683
YIQ	106.2850, -13.9840, 0.1280

Conversions

Conversions Part 2

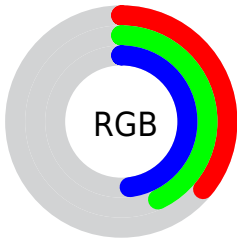
Format	Color
R_{YB}	93, 104, 122
Decimal	6123130
CIE Lab	45.48, -3.44, -8.76
CIE LCh	45, 9.416, 248.566
Yxy	14.8842, 0.2773, 0.3034
Android (android.graphics.Color)	4284313210 (0xFF5D6E7A)
YUV	106.2850, 7.7475, -11.6509
Hunter-Lab	38.5800, -4.5775, -4.6034

Details

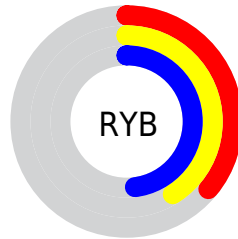
The XYZ color **13.6030, 14.8842, 20.5683** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0535, 15.0310, 12.4641**, and the grayscale version is **13.7603, 14.4769, 15.7654**.

A 20% lighter version of the original color is **32.0619, 34.8259, 45.0766**, and **4.1068, 4.6169, 6.9780** is the 20% darker color. If you saturate the color by 10%, you get **11.9362, 13.2397, 20.3390**, and if you desaturate by 10%, it is **15.4988, 16.6936, 20.8179**.

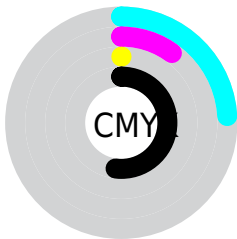
Distribution



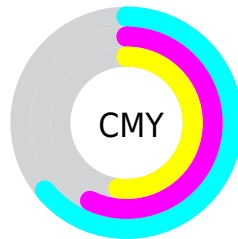
- Red (36%)
- Green (43%)
- Blue (48%)



- Red (36%)
- Yellow (41%)
- Blue (48%)



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)
- Black (52%)



- Cyan (64%)
- Magenta (57%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6030, 14.8842, 20.5683 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 13.6030, 14.8842, 20.5683 by changing the saturation by 10% instead.

■ 13.6030, 14.8842,
20.5683

■ 13.6030, 14.8842,
20.5683

208.3073,
222.6642, 267.6805

■ 7.9249, 8.7382,
12.6207

■ 31.9751, 34.6499,
45.2394

■ 4.0983, 4.5708,
7.0402

■ 45.3999, 49.0384,
62.7999

■ 1.7579, 1.9977,
3.4084

■ 62.1375, 66.9431,
84.4018

■ 0.4921, 0.6061,
1.3068

■ 82.5535, 88.7484,
110.4635

■ 0.0000, 0.0000,
0.0673

107.0131,
114.8388, 141.4038

■ 0.0000, 0.0000,
0.0000

135.8817,

145.5987, 177.6410

169.5247,
181.4123, 219.5937

■ 13.6030, 14.8842,
20.5683

■ 13.6030, 14.8842,
20.5683

■ 11.9362, 13.2397,
20.3390

■ 15.4988, 16.6936,
20.8179

■ 10.4872, 11.7524,
20.1283

■ 17.6313, 18.6714,
21.0872

■ 9.2459, 10.4167,
19.9359

■ 20.0099, 20.8236,
21.3773

■ 8.2006, 9.2257,
19.7611

■ 22.6426, 23.1551,
21.6886

■ 7.3386, 8.1722,
19.6032

■ 25.5373, 25.6706,
22.0215

■ 6.6453, 7.2477,
19.4613

■ 28.7014, 28.3745,
22.3767

■ 6.1017, 6.4416,
19.3343

■ 32.1422, 31.2714,
22.7545

■ 5.7996, 5.9786,
19.2609

■ 35.8665, 34.3653,
23.1554

■ 39.8809, 37.6604,
23.5798

Harmonies

Analogous

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



13.0003, 14.8842, 19.0508



13.6030, 14.8842, 20.5683



14.3728, 14.8842, 20.8634

Triad

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



13.6030, 14.8842, 20.5683



15.6913, 14.8842, 15.5716



13.2275, 14.8842, 13.0585

Complementary

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



13.6030, 14.8842, 20.5683



15.0535, 15.0310, 12.4641

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.



13.9236, 14.8842, 12.2997



13.6030, 14.8842, 20.5683



15.3592, 14.8842, 13.6602

Square

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



13.6030, 14.8842, 20.5683



15.5977, 14.8842, 17.8365



14.7053, 14.8842, 12.5093



12.7891, 14.8842, 14.6787

Rectangle

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



13.6030, 14.8842, 20.5683



14.8804, 14.8842, 20.3033



14.7053, 14.8842, 12.5093



13.4381, 14.8842, 12.7013

Sweetspot

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



13.6034, 14.8848, 20.5686



29.6954, 31.6316, 36.9333



14.0033, 17.2582, 15.8505



6.7545, 7.1999, 8.4404



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.



13.6034, 14.8848, 20.5686



22.1458, 24.4364, 35.9424



12.2011, 12.0802, 20.1012



3.9746, 4.2475, 5.0535



6.0977, 6.2778, 20.2757



28.2323, 28.2372, 96.4321

Inverse Universe

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



14.7552, 13.0924, 16.5020



24.6119, 20.7910, 27.1920



16.6108, 18.1456, 12.9832



4.0876, 4.0508, 4.6591



9.6612, 4.8406, 6.7726



45.6535, 22.9177, 30.0350

Previews

White Background



This preview shows how the XYZ color 13.6030, 14.8842, 20.5683 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 13.6030, 14.8842, 20.5683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

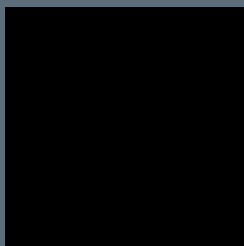
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

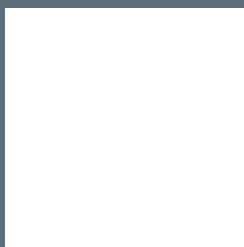
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.6030, 14.8842, 20.5683

Background



This preview shows how black text looks on a background with the XYZ color 13.6030, 14.8842, 20.5683.

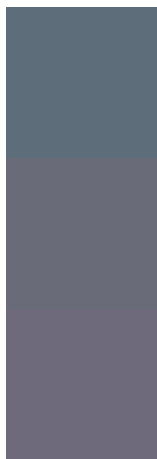


This preview shows how white text looks on a background with the XYZ color 13.6030, 14.8842,

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

13.6030, 14.8842, 20.5683

Protanopia

14.5917, 14.9356, 19.8831

Deuteranopia

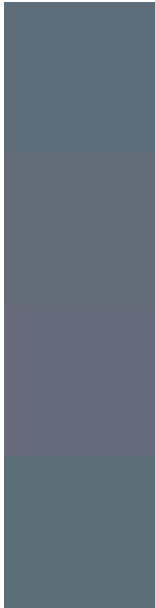
15.0571, 14.8482, 20.8113



Tritanopia

13.3193, 14.7591, 19.5995

Trichromacy



Original Color

13.6030, 14.8842, 20.5683

Protanomaly

14.1806, 14.8723, 20.2124

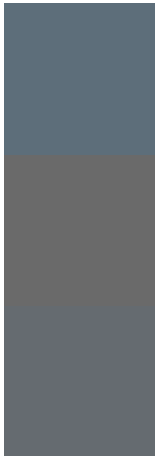
Deuteranomaly

14.5418, 14.8885, 20.8462

Tritanomaly

13.3797, 14.7832, 19.9176

Monochromacy



Original Color

13.6030, 14.8842, 20.5683

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.5492, 14.4519, 17.4046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6030, 14.8842, 20.5683 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(93, 110, 122) looks like.

```
.text, #text, p{  
    color:rgb(93, 110, 122)  
}
```

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(93, 110, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 110, 122) }
```

Border

The CSS property to change the border of an element to XYZ 13.6030, 14.8842, 20.5683 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(93, 110, 122) }
```


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

```
.border{ border-color:rgb(93, 110, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 110, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 110, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 110, 122);  
box-shadow:4px 4px 4px 4px rgb(93, 110,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6030, 14.8842, 20.5683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 110, 122) }
```

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

```
.background{ background-color: rgb(93, 110,  
122) }
```

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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