

Converting Colors

XYZ(14.1889, 16.4010, 20.1875)

Have a look what the booklet for
XYZ(14.1889, 16.4010, 20.1875)
contains.

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Color

**XYZ(14.1651, 16.3540,
20.1793)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7578
RGB	92, 117, 120
RGB Percent	36%, 46%, 47%
CMY	0.6392, 0.5412, 0.5294
CMYK	0.23, 0.02, 0.00, 0.53
HSL	186°, 13%, 42%
HSV	186°, 23%, 47%
XYZ	14.1651, 16.3540, 20.1793
YIQ	109.8670, -15.8630, -4.3670

Conversions

Conversions Part 2

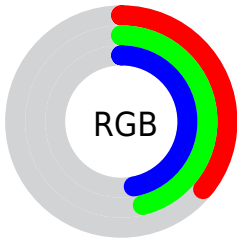
Format	Color
R_{YB}	92, 105, 120
Decimal	6059384
CIE _{Lab}	47.44, -8.34, -4.66
CIE _{LCh}	47, 9.549, 209.186
Yxy	16.3540, 0.2794, 0.3226
Android (android.graphics.Color)	4284249464 (0xFF5C7578)
YUV	109.8670, 4.9956, -15.6694
Hunter-Lab	40.4401, -8.2463, -1.2772

Details

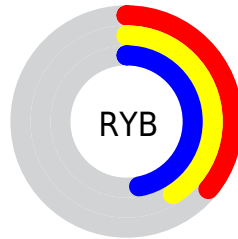
The XYZ color **14.1651, 16.3540, 20.1793** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.7698, 12.9502, 11.8994**, and the grayscale version is **14.7727, 15.5420, 16.9253**.

A 20% lighter version of the original color is **32.9621, 37.1941, 44.4716**, and **4.3800, 5.2820, 6.9196** is the 20% darker color. If you saturate the color by 10%, you get **12.9115, 15.4874, 20.0784**, and if you desaturate by 10%, it is **15.6116, 17.3239, 20.2905**.

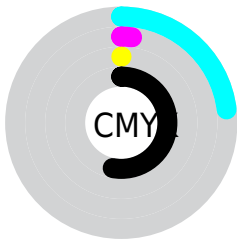
Distribution



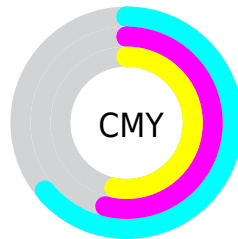
- Red (36%)
- Green (46%)
- Blue (47%)



- Red (36%)
- Yellow (41%)
- Blue (47%)



- Cyan (23%)
- Magenta (2%)
- Yellow (0%)
- Black (53%)



- Cyan (64%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1651, 16.3540, 20.1793 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 14.1651, 16.3540, 20.1793 by changing the saturation by 10% instead.

■ 14.1651, 16.3540,
20.1793

■ 14.1651, 16.3540,
20.1793

211.7456,
231.4216, 265.5204

■ 8.3181, 9.7750,
12.3401

■ 32.9655, 37.2117,
44.5805

■ 4.3526, 5.2500,
6.8504

■ 46.6496, 52.2592,
61.9796

■ 1.9035, 2.3947,
3.2917

■ 63.6767, 70.8982,
83.4023

■ 0.5789, 0.8232,
1.2454

■ 84.4123, 93.5133,
109.2673

■ 0.0000, 0.0000,
0.0164

109.2216,
120.4888, 139.9931

■ 0.0000, 0.0000,
0.0000

138.4700,

152.2091, 175.9981

172.5229,
189.0586, 217.7011

■ 14.1651, 16.3540,
20.1793

■ 14.1651, 16.3540,
20.1793

■ 12.9115, 15.4874,
20.0784

■ 15.6116, 17.3239,
20.2905

■ 11.8404, 14.7176,
19.9862

■ 17.2580, 18.3995,
20.4114

■ 10.9428, 14.0402,
19.9028

■ 19.1126, 19.5855,
20.5425

■ 10.2080, 13.4497,
19.8275

■ 21.1827, 20.8857,
20.6844

■ 9.6244, 12.9402,
19.7600

■ 23.4755, 22.3038,
20.8373

■ 9.1787, 12.5048,
19.6994

■ 25.9976, 23.8432,
21.0015

■ 8.8538, 12.1346,
19.6451

■ 28.7556, 25.5073,
21.1773

■ 8.6637, 11.9031,
19.6104

■ 31.7556, 27.2994,
21.3651

■ 35.0035, 29.2223,
21.5651

Harmonies

Analogous

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



13.9718, 16.3540, 17.7405



14.1651, 16.3540, 20.1793



14.7246, 16.3540, 22.1202

Triad

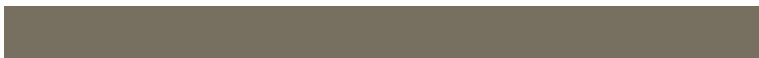
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.1651, 16.3540, 20.1793



16.9850, 16.3540, 20.3044



15.5671, 16.3540, 13.5384

Complementary

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



14.1651, 16.3540, 20.1793



13.7698, 12.9502, 11.8994

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.



16.3932, 16.3540, 14.0940



14.1651, 16.3540, 20.1793



17.2299, 16.3540, 17.8731

Square

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



14.1651, 16.3540, 20.1793



16.3517, 16.3540, 22.1969



17.0096, 16.3540, 15.6278



14.7633, 16.3540, 14.0373

Rectangle

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



14.1651, 16.3540, 20.1793



15.2404, 16.3540, 22.7920



17.0096, 16.3540, 15.6278



15.8516, 16.3540, 13.6072

Sweetspot

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



14.1656, 16.3547, 20.1797



29.1993, 31.6123, 35.8159



13.1869, 16.5311, 13.2750



6.8910, 7.4729, 8.4859



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.



14.1656, 16.3547, 20.1797



23.6926, 27.9263, 35.3946



12.6743, 13.3720, 19.6826



4.0722, 4.4427, 5.0861



9.4454, 12.9733, 21.3916



44.6808, 61.1341, 101.9149

Inverse Universe

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



14.7841, 12.9321, 18.5474



24.9938, 20.8412, 31.9353



15.1251, 15.6607, 12.3512



4.1369, 4.0705, 4.9185



11.3509, 5.5165, 15.6708



53.9559, 26.2387, 73.7551

Previews

White Background



This preview shows how the XYZ color 14.1651, 16.3540, 20.1793 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 14.1651, 16.3540, 20.1793 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 14.1651, 16.3540, 20.1793

Background



This preview shows how black text looks on a background with the XYZ color 14.1651, 16.3540, 20.1793.



This preview shows how white text looks on a background with the XYZ color 14.1651, 16.3540,

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

14.1651, 16.3540, 20.1793

Protanopia

15.8151, 16.3834, 19.1584

Deuteranopia

16.5892, 16.2644, 20.6773



Tritanopia

14.4613, 16.2986, 21.7858

Trichromacy



Original Color

14.1651, 16.3540, 20.1793

Protanomaly

15.1130, 16.3459, 19.4981

Deuteranomaly

15.5520, 16.2200, 20.4003

Tritanomaly

14.3347, 16.2480, 21.1195

Monochromacy



Original Color

14.1651, 16.3540, 20.1793

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.5359, 15.9087, 18.2242

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1651, 16.3540, 20.1793 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(92, 117, 120)` looks like.

```
.text, #text, p{  
    color:rgb(92, 117, 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(92, 117, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 117, 120) }
```

Border

The CSS property to change the border of an element to XYZ 14.1651, 16.3540, 20.1793 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(92, 117, 120) }
```


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

```
.border{ border-color:rgb(92, 117, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 117, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 117, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 117, 120);  
box-shadow:4px 4px 4px 4px rgb(92, 117,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1651, 16.3540, 20.1793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 117, 120) }
```

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

```
.background{ background-color: rgb(92, 117,  
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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