

Converting Colors

XYZ(14.4049, 16.2552, 20.1004)

Have a look what the booklet for
XYZ(14.4049, 16.2552, 20.1004)
contains.

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Color

**XYZ(14.4594, 16.3336,
20.1599)**

Conversions

Conversions Part 1

Format	Color
Hex	607478
RGB	96, 116, 120
RGB Percent	38%, 45%, 47%
CMY	0.6235, 0.5451, 0.5294
CMYK	0.20, 0.03, 0.00, 0.53
HSL	190°, 11%, 42%
HSV	190°, 20%, 47%
XYZ	14.4594, 16.3336, 20.1599
YIQ	110.4760, -13.2040, -2.9960

Conversions

Conversions Part 2

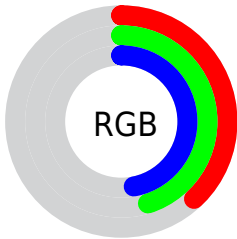
Format	Color
R_{YB}	96, 107, 120
Decimal	6321272
CIE _{Lab}	47.41, -6.40, -4.67
CIE _{LCh}	47, 7.920, 216.092
Yxy	16.3336, 0.2838, 0.3206
Android (android.graphics.Color)	4284511352 (0xFF607478)
YUV	110.4760, 4.6953, -12.6955
Hunter-Lab	40.4148, -6.8632, -1.2849

Details

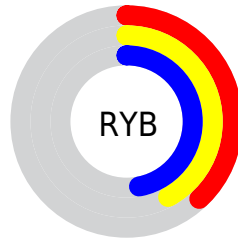
The XYZ color **14.4594, 16.3336, 20.1599** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4144, 13.9520, 12.9999**, and the grayscale version is **14.9478, 15.7263, 17.1259**.

A 20% lighter version of the original color is **33.4816, 37.1869, 44.4428**, and **4.5034, 5.2551, 6.9079** is the 20% darker color. If you saturate the color by 10%, you get **13.0641, 15.2763, 20.0296**, and if you desaturate by 10%, it is **16.0533, 17.5016, 20.3016**.

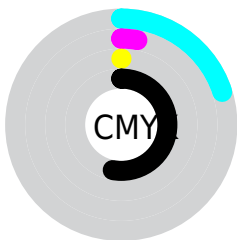
Distribution



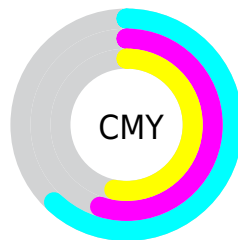
- Red (38%)
- Green (45%)
- Blue (47%)



- Red (38%)
- Yellow (42%)
- Blue (47%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (53%)



- Cyan (62%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4594, 16.3336, 20.1599 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 14.4594, 16.3336, 20.1599 by changing the saturation by 10% instead.

■ 14.4594, 16.3336,
20.1599

■ 14.4594, 16.3336,
20.1599

213.5242,
231.3023, 265.4123

■ 8.5247, 9.7605,
12.3261

■ 33.4815, 37.1764,
44.5476

■ 4.4871, 5.2405,
6.8409

■ 47.2996, 52.2149,
61.9386

■ 1.9812, 2.3890,
3.2859

■ 64.4762, 70.8440,
83.3524

■ 0.6234, 0.8202,
1.2424

■ 85.3766, 93.4481,
109.2075

■ 0.0000, 0.0000,
0.0139

110.3663,
120.4116, 139.9225

■ 0.0000, 0.0000,
0.0000

139.8106,

152.1188, 175.9159

174.0748,
188.9542, 217.6063

■ 14.4594, 16.3336,
20.1599

■ 14.4594, 16.3336,
20.1599

■ 13.0641, 15.2763,
20.0296

■ 16.0533, 17.5016,
20.3016

■ 11.8574, 14.3230,
19.9092

■ 17.8527, 18.7824,
20.4540

■ 10.8302, 13.4696,
19.7986

■ 19.8657, 20.1809,
20.6178

■ 9.9723, 12.7107,
19.6974

■ 22.0997, 21.7007,
20.7934

■ 9.2724, 12.0404,
19.6049

■ 24.5615, 23.3456,
20.9812

■ 8.7179, 11.4522,
19.5206

■ 27.2580, 25.1190,
21.1813

■ 8.2939, 10.9384,
19.4437

■ 30.1953, 27.0242,
21.3943

■ 7.9482, 10.4720,
19.3719

■ 33.3797, 29.0644,
21.6202

■ 7.9481, 10.4719,
19.3719

■ 36.8171, 31.2428,
21.8595

Harmonies

Analogous

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



14.2210, 16.3336, 18.1979



14.4594, 16.3336, 20.1599



14.9841, 16.3336, 21.5571

Triad

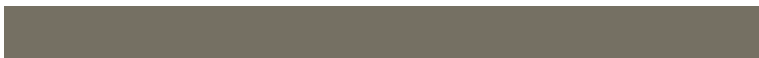
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.4594, 16.3336, 20.1599



16.7913, 16.3336, 19.3973



15.3818, 16.3336, 14.2115

Complementary

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



14.4594, 16.3336, 20.1599



14.4144, 13.9520, 12.9999

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.



16.0780, 16.3336, 14.4799



14.4594, 16.3336, 20.1599



16.9056, 16.3336, 17.3775

Square

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



14.4594, 16.3336, 20.1599



16.3333, 16.3336, 21.0941



16.6409, 16.3336, 15.6035



14.7431, 16.3336, 14.8406

Rectangle

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



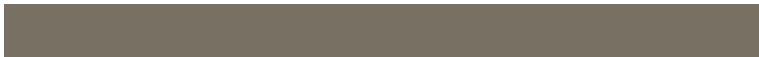
14.4594, 16.3336, 20.1599



15.4328, 16.3336, 21.9260



16.6409, 16.3336, 15.6035



15.6167, 16.3336, 14.2005

Sweetspot

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



14.4599, 16.3343, 20.1603



29.4102, 31.6256, 35.8073



13.8216, 16.8324, 14.4761



6.9336, 7.4690, 8.4829



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.



14.4599, 16.3343, 20.1603



24.2633, 27.8515, 35.3501



13.2050, 13.8245, 19.7420



4.0530, 4.4042, 5.0797



8.6621, 11.4067, 21.1305



40.7851, 53.3429, 100.6164

Inverse Universe

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



15.0814, 13.6201, 18.3578



25.5787, 22.2119, 31.5114



15.6075, 16.3382, 13.3976



4.1272, 4.0666, 4.8674



10.9556, 5.3584, 13.5889



51.9896, 25.4522, 63.4005

Previews

White Background



This preview shows how the XYZ color 14.4594, 16.3336, 20.1599 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 14.4594, 16.3336, 20.1599 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

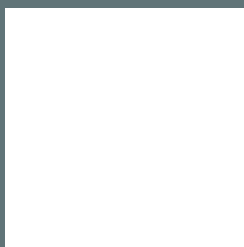
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4594, 16.3336, 20.1599

Background



This preview shows how black text looks on a background with the XYZ color 14.4594, 16.3336, 20.1599.



This preview shows how white text looks on a background with the XYZ color 14.4594, 16.3336,

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

14.4594, 16.3336, 20.1599

Protanopia

15.8151, 16.3834, 19.1584

Deuteranopia

16.5276, 16.2397, 20.3526



Tritanopia

14.6986, 16.2581, 21.4322

Trichromacy



Original Color

14.4594, 16.3336, 20.1599

Protanomaly

15.2385, 16.2441, 19.4718

Deuteranomaly

15.8009, 16.3483, 20.4119

Tritanomaly

14.6356, 16.2329, 21.1008

Monochromacy



Original Color

14.4594, 16.3336, 20.1599

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.6571, 15.8065, 18.1980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4594, 16.3336, 20.1599 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(96, 116, 120) looks like.

```
.text, #text, p{  
    color:rgb(96, 116, 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(96, 116, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 116, 120) }
```

Border

The CSS property to change the border of an element to XYZ 14.4594, 16.3336, 20.1599 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(96, 116, 120) }
```


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

```
.border{ border-color:rgb(96, 116, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 116, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 116, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 116, 120);  
box-shadow:4px 4px 4px 4px rgb(96, 116,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4594, 16.3336, 20.1599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 116, 120) }
```

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

```
.background{ background-color: rgb(96, 116,  
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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