

Converting Colors

XYZ(14.3019, 16.0496, 20.0659)

Have a look what the booklet for
XYZ(14.3019, 16.0496, 20.0659)
contains.

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Color

**XYZ(14.3448, 16.1043,
20.1217)**

Conversions

Conversions Part 1

Format	Color
Hex	607378
RGB	96, 115, 120
RGB Percent	38%, 45%, 47%
CMY	0.6235, 0.5490, 0.5294
CMYK	0.20, 0.04, 0.00, 0.53
HSL	192°, 11%, 42%
HSV	192°, 20%, 47%
XYZ	14.3448, 16.1043, 20.1217
YIQ	109.8890, -12.9290, -2.4730

Conversions

Conversions Part 2

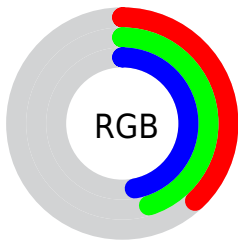
Format	Color
R_{YB}	96, 107, 120
Decimal	6321016
CIE _{Lab}	47.11, -5.82, -5.11
CIE _{LCh}	47, 7.745, 221.260
Yxy	16.1043, 0.2837, 0.3185
Android (android.graphics.Color)	4284511096 (0xFF607378)
YUV	109.8890, 4.9847, -12.1807
Hunter-Lab	40.1302, -6.4217, -1.6375

Details

The XYZ color **14.3448, 16.1043, 20.1217** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5110, 14.1452, 13.0323**, and the grayscale version is **14.7784, 15.5480, 16.9318**.

A 20% lighter version of the original color is **33.2977, 36.8190, 44.3815**, and **4.4435, 5.1352, 6.8879** is the 20% darker color. If you saturate the color by 10%, you get **12.8963, 14.9406, 19.9737**, and if you desaturate by 10%, it is **15.9947, 17.3842, 20.2820**.

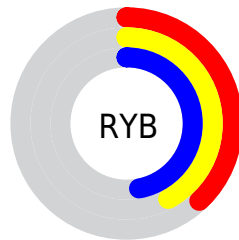
Distribution



Red (38%)

Green (45%)

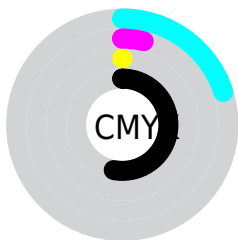
Blue (47%)



Red (38%)

Yellow (42%)

Blue (47%)

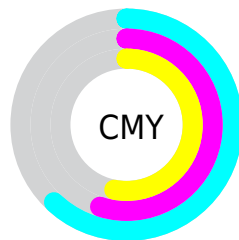


Cyan (20%)

Magenta (4%)

Yellow (0%)

Black (53%)



Cyan (62%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3448, 16.1043, 20.1217 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 14.3448, 16.1043, 20.1217 by changing the saturation by 10% instead.

■ 14.3448, 16.1043,
20.1217

■ 14.3448, 16.1043,
20.1217

212.8334,
229.9564, 265.1992

■ 8.4442, 9.5980,
12.2986

■ 33.2808, 36.7792,
44.4828

■ 4.4346, 5.1332,
6.8224

■ 47.0468, 51.7165,
61.8578

■ 1.9508, 2.3256,
3.2745

■ 64.1654, 70.2330,
83.2539

■ 0.6061, 0.7872,
1.2364

■ 85.0018, 92.7131,
109.0896

■ 0.0000, 0.0000,
0.0088

109.9215,
119.5410, 139.7835

■ 0.0000, 0.0000,
0.0000

139.2897,

151.1013, 175.7540

173.4719,
187.7783, 217.4197

■ 14.3448, 16.1043,
20.1217

■ 14.3448, 16.1043,
20.1217

■ 12.8963, 14.9406,
19.9737

■ 15.9947, 17.3842,
20.2820

■ 11.6391, 13.8865,
19.8365

■ 17.8528, 18.7825,
20.4540

■ 10.5642, 12.9376,
19.7100

■ 19.9274, 20.3041,
20.6384

■ 9.6612, 12.0886,
19.5937

■ 22.2258, 21.9528,
20.8355

■ 8.9190, 11.3335,
19.4871

■ 24.7550, 23.7323,
21.0456

8.3246, 10.6657,
19.3895

27.5217, 25.6461,
21.2692

7.8635, 10.0775,
19.3003

30.5322, 27.6977,
21.5065

7.4830, 9.5417,
19.2169

33.7928, 29.8902,
21.7579

7.4830, 9.5417,
19.2169

37.3093, 32.2268,
22.0236

Harmonies

Analogous

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



14.0600, 16.1043, 18.2762



14.3448, 16.1043, 20.1217



14.8905, 16.1043, 21.3248

Triad

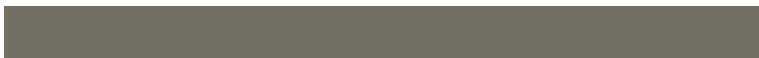
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.3448, 16.1043, 20.1217



16.5783, 16.1043, 18.7654



15.0528, 16.1043, 14.1132

Complementary

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



14.3448, 16.1043, 20.1217



14.5110, 14.1452, 13.0323

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.



15.7305, 16.1043, 14.2229



14.3448, 16.1043, 20.1217



16.6249, 16.1043, 16.8139

Square

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



14.3448, 16.1043, 20.1217



16.1851, 16.1043, 20.5026



16.3106, 16.1043, 15.1798



14.4606, 16.1043, 14.8683

Rectangle

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



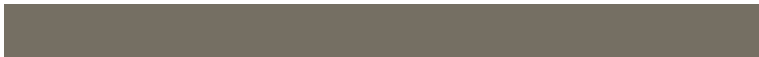
14.3448, 16.1043, 20.1217



15.3354, 16.1043, 21.5507



16.3106, 16.1043, 15.1798



15.2779, 16.1043, 14.0517

Sweetspot

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



14.3453, 16.1050, 20.1221



29.3461, 31.4974, 35.7860



13.8799, 16.8557, 14.7830



6.9172, 7.4362, 8.4774



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.



14.3453, 16.1050, 20.1221



24.0181, 27.3610, 35.2684



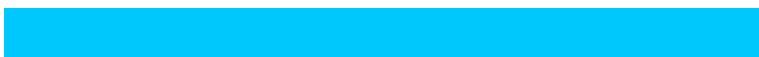
13.0846, 13.5836, 19.7018



4.0396, 4.3775, 5.0752



8.1532, 10.3888, 20.9608



38.2659, 48.3045, 99.7767

Inverse Universe

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



15.0235, 13.5971, 18.0530



25.4550, 22.1624, 30.8595



15.7402, 16.6036, 13.4420



4.1204, 4.0639, 4.8319



10.6987, 5.2556, 12.2361



50.7180, 24.9435, 56.7044

Previews

White Background



This preview shows how the XYZ color 14.3448, 16.1043, 20.1217 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 14.3448, 16.1043, 20.1217 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

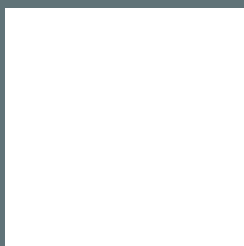
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3448, 16.1043, 20.1217

Background



This preview shows how black text looks on a background with the XYZ color 14.3448, 16.1043, 20.1217.



This preview shows how white text looks on a background with the XYZ color 14.3448, 16.1043,

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

14.3448, 16.1043, 20.1217

Protanopia

15.5774, 16.0980, 19.1158

Deuteranopia

16.2850, 15.9572, 20.3109



Tritanopia

14.5852, 16.0313, 21.3944

Trichromacy



Original Color

14.3448, 16.1043, 20.1217

Protanomaly

15.0080, 15.9605, 19.4292

Deuteranomaly

15.5660, 16.0644, 20.3695

Tritanomaly

14.5222, 16.0061, 21.0630

Monochromacy



Original Color

14.3448, 16.1043, 20.1217

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 14.3448, 16.1043, 20.1217 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, 115, 120) looks like.

```
.text, #text, p{  
    color:rgb(96, 115, 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, 115, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 115, 120) }
```

Border

The CSS property to change the border of an element to XYZ 14.3448, 16.1043, 20.1217 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, 115, 120) }
```


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

```
.border{ border-color:rgb(96, 115, 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, 115, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 115, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 115, 120);  
box-shadow:4px 4px 4px 4px rgb(96, 115,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3448, 16.1043, 20.1217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 115, 120) }
```

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

```
.background{ background-color: rgb(96, 115,  
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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