

Converting Colors

XYZ(14.4335, 16.1244, 20.0682)

Have a look what the booklet for
XYZ(14.4335, 16.1244, 20.0682)
contains.

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Color

**XYZ(14.4507, 16.1589,
20.1267)**

Conversions

Conversions Part 1

Format	Color
Hex	617378
RGB	97, 115, 120
RGB Percent	38%, 45%, 47%
CMY	0.6196, 0.5490, 0.5294
CMYK	0.19, 0.04, 0.00, 0.53
HSL	193°, 11%, 43%
HSV	193°, 19%, 47%
XYZ	14.4507, 16.1589, 20.1267
YIQ	110.1880, -12.3330, -2.2610

Conversions

Conversions Part 2

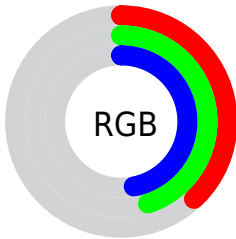
Format	Color
R_{YB}	97, 107, 120
Decimal	6386552
CIE _{Lab}	47.18, -5.48, -4.99
CIE _{LCh}	47, 7.411, 222.368
Yxy	16.1589, 0.2848, 0.3185
Android (android.graphics.Color)	4284576632 (0xFF617378)
YUV	110.1880, 4.8373, -11.5659
Hunter-Lab	40.1981, -6.1783, -1.5471

Details

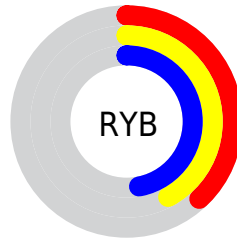
The XYZ color **14.4507, 16.1589, 20.1267** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.6550, 14.3591, 13.3089**, and the grayscale version is **14.8644, 15.6385, 17.0304**.

A 20% lighter version of the original color is **33.4779, 36.9119, 44.3900**, and **4.4922, 5.1603, 6.8902** is the 20% darker color. If you saturate the color by 10%, you get **12.9744, 14.9630, 19.9739**, and if you desaturate by 10%, it is **16.1298, 17.4727, 20.2921**.

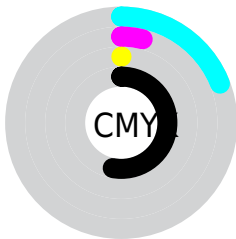
Distribution



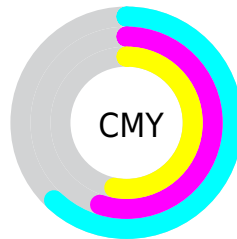
- Red (38%)
- Green (45%)
- Blue (47%)



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



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4507, 16.1589, 20.1267 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 14.4507, 16.1589, 20.1267 by changing the saturation by 10% instead.

■ 14.4507, 16.1589,
20.1267

■ 14.4507, 16.1589,
20.1267

213.4719,
230.2775, 265.2271

■ 8.5186, 9.6367,
12.3022

■ 33.4662, 36.8738,
44.4913

■ 4.4831, 5.1587,
6.8248

■ 47.2804, 51.8353,
61.8684

■ 1.9789, 2.3407,
3.2760

■ 64.4526, 70.3787,
83.2668

■ 0.6221, 0.7951,
1.2372

■ 85.3482, 92.8884,
109.1050

■ 0.0000, 0.0000,
0.0095

110.3326,
119.7487, 139.8017

■ 0.0000, 0.0000,
0.0000

139.7711,

151.3440, 175.7752

174.0291,
188.0589, 217.4441

■ 14.4507, 16.1589,
20.1267

■ 14.4507, 16.1589,
20.1267

■ 12.9744, 14.9630,
19.9739

■ 16.1298, 17.4727,
20.2921

■ 11.6909, 13.8784,
19.8322

■ 18.0184, 18.9068,
20.4693

■ 10.5910, 12.9008,
19.7015

■ 20.1249, 20.4658,
20.6592

■ 9.6648, 12.0248,
19.5812

■ 22.4564, 22.1536,
20.8621

■ 8.9008, 11.2446,
19.4709

■ 25.0201, 23.9740,
21.0784

■ 8.2866, 10.5536,
19.3699

■ 27.8224, 25.9304,
21.3083

■ 7.8074, 9.9441,
19.2775

■ 30.8699, 28.0263,
21.5522

■ 7.4177, 9.3924,
19.1916

■ 34.1687, 30.2649,
21.8104

■ 7.3858, 9.3472,
19.1845

■ 37.7246, 32.6493,
22.0833

Harmonies

Analogous

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



14.1661, 16.1589, 18.3746



14.4507, 16.1589, 20.1267



14.9819, 16.1589, 21.2430

Triad

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



14.4507, 16.1589, 20.1267



16.5847, 16.1589, 18.7045



15.0916, 16.1589, 14.3148

Complementary

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



14.4507, 16.1589, 20.1267



14.6550, 14.3591, 13.3089

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.



15.7415, 16.1589, 14.3893



14.4507, 16.1589, 20.1267



16.6161, 16.1589, 16.8364

Square

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



14.4507, 16.1589, 20.1267



16.2191, 16.1589, 20.3829



16.3036, 16.1589, 15.2838



14.5290, 16.1589, 15.0724

Rectangle

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



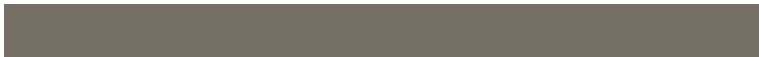
14.4507, 16.1589, 20.1267



15.4104, 16.1589, 21.4314



16.3036, 16.1589, 15.2838



15.3068, 16.1589, 14.2449

Sweetspot

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



14.4512, 16.1596, 20.1271



29.3322, 31.4696, 35.7813



14.0441, 16.9337, 15.0948



6.9136, 7.4291, 8.4763



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.



14.4512, 16.1596, 20.1271



24.2316, 27.4710, 35.2784



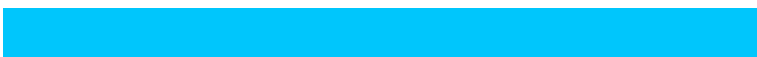
13.2221, 13.7015, 19.7174



4.0367, 4.3717, 5.0742



8.0468, 10.1761, 20.9254



37.7407, 47.2541, 99.6016

Inverse Universe

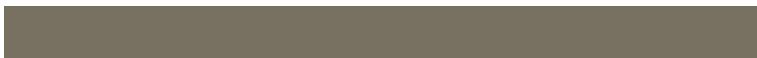
The Inverse Universe completely reimagines the original color for something new.



15.1154, 13.7807, 18.0836



25.6401, 22.5326, 30.9212



15.8630, 16.7749, 13.7115



4.1190, 4.0633, 4.8242



10.6450, 5.2341, 11.9533



50.4529, 24.8375, 55.3085

Previews

White Background



This preview shows how the XYZ color 14.4507, 16.1589, 20.1267 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 14.4507, 16.1589, 20.1267 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

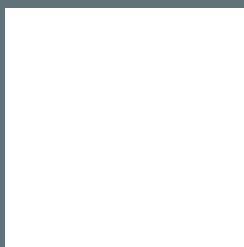
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4507, 16.1589, 20.1267

Background



This preview shows how black text looks on a background with the XYZ color 14.4507, 16.1589, 20.1267.



This preview shows how white text looks on a background with the XYZ color 14.4507, 16.1589,

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

14.4507, 16.1589, 20.1267

Protanopia

15.6365, 16.1216, 19.4272

Deuteranopia

16.3910, 16.1693, 20.3462



Tritanopia

14.6924, 16.0865, 21.3994

Trichromacy



Original Color

14.4507, 16.1589, 20.1267

Protanomaly

15.1873, 16.0461, 19.7495

Deuteranomaly

15.5660, 16.0644, 20.3695

Tritanomaly

14.6295, 16.0614, 21.0680

Monochromacy



Original Color

14.4507, 16.1589, 20.1267

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 14.4507, 16.1589, 20.1267 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(97, 115, 120) looks like.

```
.text, #text, p{  
    color:rgb(97, 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(97, 115, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 115, 120) }
```

Border

The CSS property to change the border of an element to XYZ 14.4507, 16.1589, 20.1267 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(97, 115, 120) }
```


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

```
.border{ border-color:rgb(97, 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(97, 115, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 115, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 115, 120);  
box-shadow:4px 4px 4px 4px rgb(97, 115,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4507, 16.1589, 20.1267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 115, 120) }
```

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

```
.background{ background-color: rgb(97, 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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