

Converting Colors

XYZ(14.0967, 15.6731, 19.6113)

Have a look what the booklet for
XYZ(14.0967, 15.6731, 19.6113)
contains.

XYZ(14.0588, 15.6290, 19.7285)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.0588, 15.6290,
19.7285)**

Conversions

Conversions Part 1

Format	Color
Hex	607177
RGB	96, 113, 119
RGB Percent	38%, 44%, 47%
CMY	0.6235, 0.5569, 0.5333
CMYK	0.19, 0.05, 0.00, 0.53
HSL	196°, 11%, 42%
HSV	196°, 19%, 47%
XYZ	14.0588, 15.6290, 19.7285
YIQ	108.6010, -12.0580, -1.7380

Conversions

Conversions Part 2

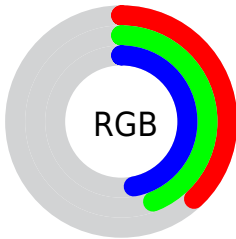
Format	Color
R _Y B	96, 106, 119
Decimal	6320503
CIE Lab	46.48, -4.90, -5.44
CIE LCh	46, 7.323, 227.999
Yxy	15.6290, 0.2845, 0.3163
Android (android.graphics.Color)	4284510583 (0xFF607177)
YUV	108.6010, 5.1267, -11.0511
Hunter-Lab	39.5335, -5.7060, -1.9141

Details

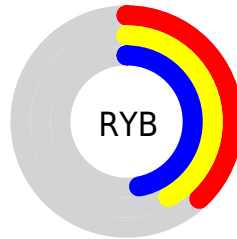
The XYZ color **14.0588, 15.6290, 19.7285** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4706, 14.2692, 13.0582**, and the grayscale version is **14.4118, 15.1623, 16.5117**.

A 20% lighter version of the original color is **32.8384, 36.0536, 43.7563**, and **4.2942, 4.8885, 6.6785** is the 20% darker color. If you saturate the color by 10%, you get **12.5601, 14.3515, 19.5612**, and if you desaturate by 10%, it is **15.7598, 17.0292, 19.9094**.

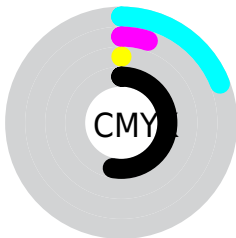
Distribution



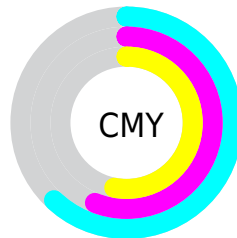
- Red (38%)
- Green (44%)
- Blue (47%)



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



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (53%)



- Cyan (62%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0588, 15.6290, 19.7285 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 14.0588, 15.6290, 19.7285 by changing the saturation by 10% instead.

■ 14.0588, 15.6290,
19.7285

■ 14.0588, 15.6290,
19.7285

211.0996,
227.1425, 262.9970

■ 8.2435, 9.2620,
12.0157

■ 32.7787, 35.9529,
43.8145

■ 4.3043, 4.9125,
6.6317

■ 46.4141, 50.6786,
61.0248

■ 1.8757, 2.1960,
3.1579

■ 63.3869, 68.9594,
82.2380

■ 0.5626, 0.7178,
1.1758

■ 84.0625, 91.1796,
107.8727

■ 0.0000, 0.0000,
0.0000

108.8062,
117.7236, 138.3474

137.9834,

148.9758, 174.0807

171.9594,
185.3206, 215.4910

■ 14.0588, 15.6290,
19.7285

■ 14.0588, 15.6290,
19.7285

■ 12.5601, 14.3515,
19.5612

■ 15.7598, 17.0292,
19.9094

■ 11.2537, 13.1902,
19.4059

■ 17.6699, 18.5544,
20.1031

■ 10.1309, 12.1407,
19.2625

■ 19.7970, 20.2095,
20.3105

■ 9.1816, 11.1978,
19.1305

■ 22.1485, 21.9984,
20.5318

■ 8.3946, 10.3554,
19.0094

■ 24.7311, 23.9247,
20.7675

7.7577, 9.6070,
18.8985

27.5516, 25.9919,
21.0179

7.2563, 8.9450,
18.7971

30.6161, 28.2036,
21.2832

6.8439, 8.3452,
18.7031

33.9308, 30.5630,
21.5639

6.8167, 8.3057,
18.6969

37.5015, 33.0732,
21.8603

Harmonies

Analogous

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



13.7321, 15.6290, 18.1123



14.0588, 15.6290, 19.7285



14.6044, 15.6290, 20.6422

Triad

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



14.0588, 15.6290, 19.7285



16.0719, 15.6290, 17.7491



14.4836, 15.6290, 13.9258

Complementary

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



14.0588, 15.6290, 19.7285



14.4706, 14.2692, 13.0582

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.



15.1082, 15.6290, 13.8438



14.0588, 15.6290, 19.7285



16.0373, 15.6290, 15.9674

Square

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



14.0588, 15.6290, 19.7285



15.7736, 15.6290, 19.4465



15.6805, 15.6290, 14.5667



13.9725, 15.6290, 14.7994

Rectangle

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



14.0588, 15.6290, 19.7285



15.0241, 15.6290, 20.6901



15.6805, 15.6290, 14.5667



14.6869, 15.6290, 13.8071

Sweetspot

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



14.0593, 15.6296, 19.7289



29.2656, 31.3364, 35.7591



13.8069, 16.6351, 14.9890



6.8966, 7.3951, 8.4706



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.



14.0593, 15.6296, 19.7289



23.9898, 26.9875, 35.1978



12.8808, 13.2727, 19.3360



3.7064, 4.0014, 4.6672



7.2343, 8.8084, 19.8615



34.5314, 41.4795, 96.5466

Inverse Universe

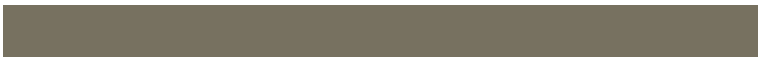
The Inverse Universe completely reimagines the original color for something new.



14.7716, 13.4803, 17.4470



25.5180, 22.4838, 30.2786



15.6524, 16.6329, 13.4522



3.7878, 3.7424, 4.4094



9.9487, 4.9132, 10.2039



48.1166, 23.7968, 47.8049

Previews

White Background



This preview shows how the XYZ color 14.0588, 15.6290, 19.7285 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 14.0588, 15.6290, 19.7285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

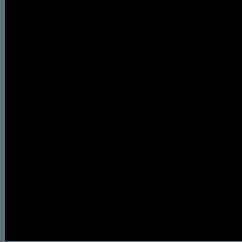
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.0588, 15.6290, 19.7285

Background



This preview shows how black text looks on a background with the XYZ color 14.0588, 15.6290, 19.7285.



This preview shows how white text looks on a background with the XYZ color 14.0588, 15.6290,

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

14.0588, 15.6290, 19.7285

Protanopia

15.1099, 15.5366, 19.0321

Deuteranopia

15.8503, 15.5845, 19.9420



Tritanopia

14.2418, 15.7022, 20.6926

Trichromacy



Original Color

14.0588, 15.6290, 19.7285

Protanomaly

14.6716, 15.4631, 19.3509

Deuteranomaly

15.1655, 15.5446, 19.9704

Tritanomaly

14.1802, 15.6775, 20.3678

Monochromacy



Original Color

14.0588, 15.6290, 19.7285

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.2655, 15.2872, 17.8216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0588, 15.6290, 19.7285 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, 113, 119) looks like.

```
.text, #text, p{  
    color:rgb(96, 113, 119)  
}
```

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, 113, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 113, 119) }
```

Border

The CSS property to change the border of an element to XYZ 14.0588, 15.6290, 19.7285 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, 113, 119) }
```


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

```
.border{ border-color:rgb(96, 113, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 113, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 113, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 113, 119);  
box-shadow:4px 4px 4px 4px rgb(96, 113,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0588, 15.6290, 19.7285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 113, 119) }
```

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

```
.background{ background-color: rgb(96, 113,  
119) }
```

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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