

Converting Colors

XYZ(14.6086, 16.9096, 19.8904)

Have a look what the booklet for
XYZ(14.6086, 16.9096, 19.8904)
contains.

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Color

**XYZ(14.6459, 16.9585,
19.9542)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7777
RGB	95, 119, 119
RGB Percent	37%, 47%, 47%
CMY	0.6274, 0.5333, 0.5333
CMYK	0.20, 0.00, 0.00, 0.53
HSL	180°, 11%, 42%
HSV	180°, 20%, 47%
XYZ	14.6459, 16.9585, 19.9542
YIQ	111.8240, -14.3040, -5.0880

Conversions

Conversions Part 2

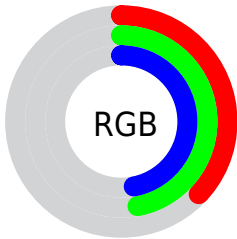
Format	Color
R_{YB}	95, 107, 119
Decimal	6256503
CIE _{Lab}	48.21, -8.70, -2.90
CIE _{LCh}	48, 9.170, 198.435
Yxy	16.9585, 0.2841, 0.3289
Android (android.graphics.Color)	4284446583 (0xFF5F7777)
YUV	111.8240, 3.5378, -14.7546
Hunter-Lab	41.1807, -8.5828, 0.0974

Details

The XYZ color **14.6459, 16.9585, 19.9542** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.7661, 12.9330, 12.5979**, and the grayscale version is **15.3429, 16.1419, 17.5785**.

A 20% lighter version of the original color is **33.7677, 38.1771, 44.1172**, and **4.6095, 5.5898, 6.7972** is the 20% darker color. If you saturate the color by 10%, you get **13.5031, 16.3698, 19.9008**, and if you desaturate by 10%, it is **15.9786, 17.6460, 20.0172**.

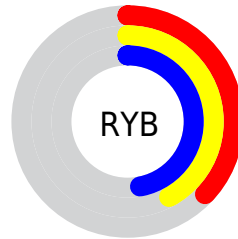
Distribution



Red (37%)

Green (47%)

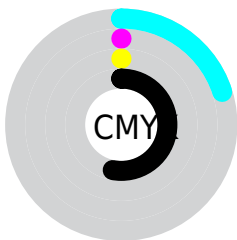
Blue (47%)



Red (37%)

Yellow (42%)

Blue (47%)

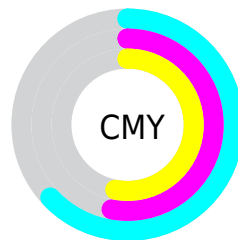


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (53%)



Cyan (63%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6459, 16.9585, 19.9542 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 14.6459, 16.9585, 19.9542 by changing the saturation by 10% instead.

■ 14.6459, 16.9585,
19.9542

■ 14.6459, 16.9585,
19.9542

214.6440,
234.9331, 264.2631

■ 8.6559, 10.2049,
12.1780

■ 33.8076, 38.2544,
44.1983

■ 4.5728, 5.5350,
6.7410

■ 47.7100, 53.5655,
61.5034

■ 2.0310, 2.5645,
3.2247

■ 64.9806, 72.4979,
82.8218

■ 0.6513, 0.9088,
1.2105

■ 85.9847, 95.4360,
108.5721

■ 0.0000, 0.0000,
0.0000

111.0878,
122.7642, 139.1728

140.6551,

154.8668, 175.0425

175.0521,
192.1283, 216.5998

■ 14.6459, 16.9585,
19.9542

■ 14.6459, 16.9585,
19.9542

■ 13.5031, 16.3698,
19.9008

■ 15.9786, 17.6460,
20.0172

■ 12.5401, 15.8734,
19.8554

■ 17.5076, 18.4342,
20.0891

■ 11.7483, 15.4652,
19.8181

■ 19.2411, 19.3278,
20.1705

■ 11.1176, 15.1401,
19.7883

■ 21.1861, 20.3305,
20.2618

■ 10.6369, 14.8923,
19.7655

■ 23.3495, 21.4458,
20.3633

■ 10.2939, 14.7154,
19.7492

■ 25.7377, 22.6769,
20.4754

■ 10.0741, 14.6021,
19.7386

■ 28.3570, 24.0272,
20.5982

■ 9.9266, 14.5261,
19.7314

■ 31.2134, 25.4997,
20.7322

■ 34.3126, 27.0974,
20.8775

Harmonies

Analogous

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



14.5993, 16.9585, 17.5602



14.6459, 16.9585, 19.9542



15.0788, 16.9585, 22.1151

Triad

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



14.6459, 16.9585, 19.9542



17.3472, 16.9585, 21.6796



16.4419, 16.9585, 14.3246

Complementary

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



14.6459, 16.9585, 19.9542



13.7661, 12.9330, 12.5979

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.



17.2051, 16.9585, 15.2403



14.6459, 16.9585, 19.9542



17.7396, 16.9585, 19.4002

Square

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



14.6459, 16.9585, 19.9542



16.6305, 16.9585, 23.1689



17.6867, 16.9585, 17.0517



15.6172, 16.9585, 14.4451

Rectangle

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



14.6459, 16.9585, 19.9542



15.5368, 16.9585, 23.0693



17.6867, 16.9585, 17.0517



16.7146, 16.9585, 14.5180

Sweetspot

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



14.6464, 16.9592, 19.9546



29.6684, 32.1421, 35.8931



13.4238, 16.4750, 13.2991



6.9996, 7.6011, 8.5048



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.



14.6464, 16.9592, 19.9546



25.2764, 29.8780, 35.6866



13.3490, 14.3643, 19.5227



3.7833, 4.1553, 4.6928



10.5459, 15.4323, 20.9624



51.3912, 75.2037, 102.1518

Inverse Universe

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



13.7661, 12.9330, 12.5979



23.4107, 21.3446, 20.0945



14.8900, 15.1809, 12.9721



3.6840, 3.7009, 3.8625



8.0829, 4.1669, 0.3785



39.3886, 20.3056, 1.8439

Previews

White Background



This preview shows how the XYZ color 14.6459, 16.9585, 19.9542 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 14.6459, 16.9585, 19.9542 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 14.6459, 16.9585, 19.9542

Background



This preview shows how black text looks on a background with the XYZ color 14.6459, 16.9585, 19.9542.



This preview shows how white text looks on a background with the XYZ color 14.6459, 16.9585,

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

14.6459, 16.9585, 19.9542

Protanopia

16.3722, 17.0086, 18.9431

Deuteranopia

17.1617, 16.8869, 20.4441



Tritanopia

15.2390, 17.0306, 22.5627

Trichromacy



Original Color

14.6459, 16.9585, 19.9542

Protanomaly

15.6406, 16.9633, 19.2795

Deuteranomaly

16.0896, 16.8354, 20.1709

Tritanomaly

14.9404, 16.8989, 21.5432

Monochromacy



Original Color

14.6459, 16.9585, 19.9542

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.1691, 16.5634, 18.6172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6459, 16.9585, 19.9542 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(95, 119, 119) looks like.

```
.text, #text, p{  
    color:rgb(95, 119, 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(95, 119, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 119, 119) }
```

Border

The CSS property to change the border of an element to XYZ 14.6459, 16.9585, 19.9542 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(95, 119, 119) }
```


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

```
.border{ border-color:rgb(95, 119, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 119, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(95, 119, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(95, 119, 119); box-shadow:4px 4px 4px 4px rgb(95, 119, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6459, 16.9585, 19.9542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 119, 119) }
```

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

```
.background{ background-color: rgb(95, 119,  
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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