

Converting Colors

XYZ(14.2732, 16.8968, 13.3629)

Have a look what the booklet for
XYZ(14.2732, 16.8968, 13.3629)
contains.

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Color

**XYZ(14.2559, 16.9034,
13.3378)**

Conversions

Conversions Part 1

Format	Color
Hex	67775F
RGB	103, 119, 95
RGB Percent	40%, 47%, 37%
CMY	0.5961, 0.5333, 0.6274
CMYK	0.13, 0.00, 0.20, 0.53
HSL	100°, 11%, 42%
HSV	100°, 20%, 47%
XYZ	14.2559, 16.9034, 13.3378
YIQ	111.4800, -1.8320, -10.8560

Conversions

Conversions Part 2

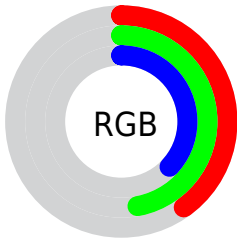
Format	Color
R_{YB}	95, 119, 111
Decimal	6780767
CIE _{Lab}	48.14, -10.80, 11.25
CIE _{LCh}	48, 15.598, 133.818
Yxy	16.9034, 0.3204, 0.3799
Android (android.graphics.Color)	4284970847 (0xFF67775F)
YUV	111.4800, -8.1246, -7.4370
Hunter-Lab	41.1137, -10.0554, 9.5452

Details

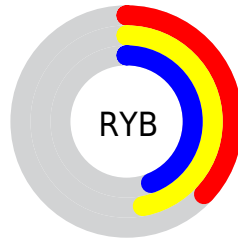
The XYZ color **14.2559, 16.9034, 13.3378** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9782, 12.8963, 19.2061**, and the grayscale version is **15.2727, 16.0681, 17.4981**.

A 20% lighter version of the original color is **33.0002, 38.0402, 32.3913**, and **4.4385, 5.5690, 3.7467** is the 20% darker color. If you saturate the color by 10%, you get **12.8886, 16.2568, 10.6626**, and if you desaturate by 10%, it is **15.7931, 17.6290, 16.4531**.

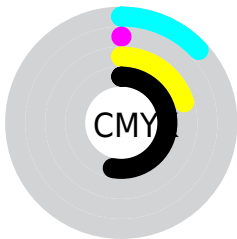
Distribution



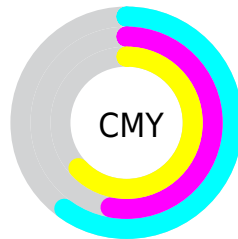
- Red (40%)
- Green (47%)
- Blue (37%)



- Red (37%)
- Yellow (47%)
- Blue (44%)



- Cyan (13%)
- Magenta (0%)
- Yellow (20%)
- Black (53%)



- Cyan (60%)
- Magenta (53%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2559, 16.9034, 13.3378 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 14.2559, 16.9034, 13.3378 by changing the saturation by 10% instead.

■ 14.2559, 16.9034,
13.3378

■ 14.2559, 16.9034,
13.3378

212.2959,
234.6151, 224.3547

■ 8.3818, 10.1656,
7.5281

■ 33.1249, 38.1596,
32.6094

■ 4.3940, 5.5089,
3.7111

■ 46.8504, 53.4469,
46.9083

■ 1.9274, 2.5488,
1.4682

■ 63.9238, 72.3527,
64.8742

■ 0.5927, 0.9010,
0.1941

■ 84.7104, 95.2616,
86.9253

■ 0.0000, 0.0000,
0.0000

109.5756,
122.5579, 113.4804

138.8846,

154.6259, 144.9580

173.0030,
191.8502, 181.7766

■ 14.2559, 16.9034,
13.3378

■ 14.2559, 16.9034,
13.3378

■ 12.8886, 16.2568,
10.6626

■ 15.7931, 17.6290,
16.4531

■ 11.6838, 15.6844,
8.4066

■ 17.5047, 18.4341,
20.0259

■ 10.6354, 15.1840,
6.5489

■ 19.3967, 19.3218,
24.0741

■ 9.7363, 14.7524,
5.0662

■ 21.4743, 20.2945,
28.6143

■ 8.9791, 14.3863,
3.9329

■ 23.7425, 21.3544,
33.6621

■ 8.3553, 14.0821,
3.1202

■ 26.2063, 22.5038,
39.2328

■ 7.8554, 13.8355,
2.5948

■ 28.8702, 23.7446,
45.3407

■ 7.4592, 13.6387,
2.2394

■ 31.7387, 25.0790,
51.9996

■ 34.8163, 26.5089,
59.2231

Harmonies

Analogous

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



15.4254, 16.9034, 11.8306



14.2559, 16.9034, 13.3378



13.5934, 16.9034, 16.3185

Triad

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



14.2559, 16.9034, 13.3378



15.3201, 16.9034, 26.9438



18.8543, 16.9034, 16.6068

Complementary

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



14.2559, 16.9034, 13.3378



13.9782, 12.8963, 19.2061

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.



18.8220, 16.9034, 20.6620



14.2559, 16.9034, 13.3378



16.7245, 16.9034, 27.0512

Square

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



14.2559, 16.9034, 13.3378



14.1827, 16.9034, 24.3411



18.0236, 16.9034, 24.6160



18.1094, 16.9034, 13.5220

Rectangle

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



14.2559, 16.9034, 13.3378



13.5026, 16.9034, 18.9284



18.0236, 16.9034, 24.6160



18.9352, 16.9034, 17.8912

Sweetspot

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



14.2563, 16.9041, 13.3382



29.4726, 32.1287, 31.9308



15.3584, 16.1177, 13.1283



6.9493, 7.5975, 7.4937



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.



14.2563, 16.9041, 13.3382



24.4037, 29.7376, 21.6613



13.5688, 16.5281, 14.2798



3.7450, 4.1520, 3.9463



7.9151, 14.4847, 2.3787



37.7475, 70.1613, 11.5530

Inverse Universe

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



13.9782, 12.8963, 19.2061



23.8131, 21.2426, 34.0982



14.7951, 13.3446, 18.0164



3.7137, 3.6997, 4.6086



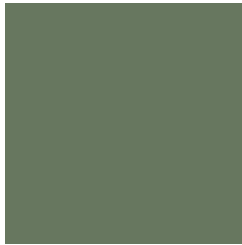
6.9831, 3.1912, 18.7905



33.0935, 15.0688, 91.5246

Previews

White Background



This preview shows how the XYZ color 14.2559, 16.9034, 13.3378 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 14.2559, 16.9034, 13.3378 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 14.2559, 16.9034, 13.3378

Background



This preview shows how black text looks on a background with the XYZ color 14.2559, 16.9034, 13.3378.



This preview shows how white text looks on a background with the XYZ color 14.2559, 16.9034,

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

14.2559, 16.9034, 13.3378

Protanopia

15.8783, 16.8899, 12.7791

Deuteranopia

17.0937, 16.8402, 13.6588



Tritanopia

15.9532, 16.9048, 21.4909

Trichromacy



Original Color

14.2559, 16.9034, 13.3378

Protanomaly

15.2052, 16.8763, 13.0457

Deuteranomaly

15.9016, 16.7197, 13.4555

Tritanomaly

15.1699, 16.7472, 18.0558

Monochromacy



Original Color

14.2559, 16.9034, 13.3378

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.7515, 16.2427, 15.7223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2559, 16.9034, 13.3378 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(103, 119, 95)` looks like.

```
.text, #text, p{  
    color:rgb(103, 119, 95)  
}
```

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(103, 119, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 119, 95) }
```

Border

The CSS property to change the border of an element to XYZ 14.2559, 16.9034, 13.3378 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(103, 119, 95) }
```


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

```
.border{ border-color:rgb(103, 119, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 119, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 119, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 119, 95);  
box-shadow:4px 4px 4px 4px rgb(103, 119,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2559, 16.9034, 13.3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 119, 95) }
```

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

```
.background{ background-color: rgb(103,  
119, 95) }
```

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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