

Converting Colors

XYZ(11.9426, 13.4773, 8.6175)

Have a look what the booklet for
XYZ(11.9426, 13.4773, 8.6175)
contains.

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Color

**XYZ(11.9151, 13.4947,
8.6334)**

Conversions

Conversions Part 1

Format	Color
Hex	67694B
RGB	103, 105, 75
RGB Percent	40%, 41%, 29%
CMY	0.5961, 0.5882, 0.7059
CMYK	0.02, 0.00, 0.29, 0.59
HSL	64°, 17%, 35%
HSV	64°, 29%, 41%
XYZ	11.9151, 13.4947, 8.6334
YIQ	100.9820, 8.4380, -9.7540

Conversions

Conversions Part 2

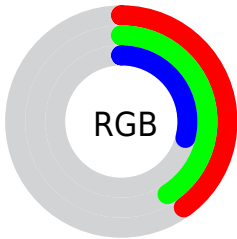
Format	Color
RYB	75, 105, 77
Decimal	6777163
CIELab	43.50, -6.22, 16.66
CIELCh	43, 17.787, 110.478
Yxy	13.4947, 0.3500, 0.3964
Android (android.graphics.Color)	4284967243 (0xFF67694B)
YUV	100.9820, -12.8091, 1.7698
Hunter-Lab	36.7351, -6.3897, 11.7804

Details

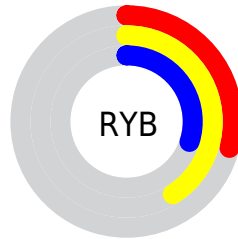
The XYZ color **11.9151, 13.4947, 8.6334** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.1270, 7.6302, 14.4098**, and the grayscale version is **12.3958, 13.0413, 14.2020**.

A 20% lighter version of the original color is **28.8530, 32.1022, 23.7444**, and **3.3359, 3.9373, 1.8805** is the 20% darker color. If you saturate the color by 10%, you get **11.5051, 13.3219, 6.8906**, and if you desaturate by 10%, it is **12.3858, 13.6928, 10.6893**.

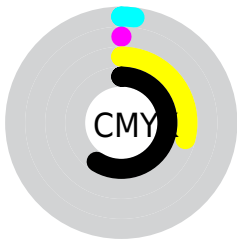
Distribution



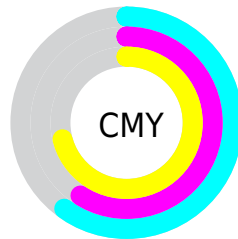
- Red (40%)
- Green (41%)
- Blue (29%)



- Red (29%)
- Yellow (41%)
- Blue (30%)



- Cyan (2%)
- Magenta (0%)
- Yellow (29%)
- Black (59%)



- Cyan (60%)
- Magenta (59%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9151, 13.4947, 8.6334 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 11.9151, 13.4947, 8.6334 by changing the saturation by 10% instead.

■ 11.9151, 13.4947,
8.6334

■ 11.9151, 13.4947,
8.6334

197.6238,
214.0643, 190.7353

■ 6.7577, 7.7701,
4.4093

■ 28.9586, 32.1897,
23.7575

■ 3.3560, 3.9482,
1.8525

■ 41.5754, 45.9289,
35.4945

■ 1.3447, 1.6446,
0.4622

■ 57.4093, 63.1084,
50.5730

■ 0.2163, 0.3874,
0.0000

■ 76.8257, 84.1126,
69.4114

■ 0.0000, 0.0000,
0.0000

■ 100.1901,
109.3259, 92.4283

127.8676,

139.1326, 120.0422

160.2238,
173.9173, 152.6717

■ 11.9151, 13.4947,
8.6334

■ 11.9151, 13.4947,
8.6334

■ 11.5051, 13.3219,
6.8906

■ 12.3858, 13.6928,
10.6893

■ 11.1518, 13.1714,
5.4447

■ 12.9190, 13.9154,
13.0718

■ 10.8525, 13.0426,
4.2794

■ 13.5173, 14.1643,
15.7945

■ 10.6037, 12.9341,
3.3765

■ 14.1834, 14.4403,
18.8701

■ 10.4015, 12.8443,
2.7156

■ 14.9195, 14.7443,
22.3105

■ 10.2415, 12.7714,
2.2732

■ 15.7276, 15.0773,
26.1271

■ 10.1073, 12.7089,
1.9634

■ 16.6100, 15.4401,
30.3310

■ 10.0882, 12.7001,
1.9196

■ 17.5686, 15.8334,
34.9326

■ 18.6053, 16.2580,
39.9420

Harmonies

Analogous

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



13.2729, 13.4947, 8.3711



11.9151, 13.4947, 8.6334



10.8758, 13.4947, 10.3465

Triad

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



11.9151, 13.4947, 8.6334



11.2019, 13.4947, 21.4130



15.6424, 13.4947, 15.9944

Complementary

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



11.9151, 13.4947, 8.6334



8.1270, 7.6302, 14.4098

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.



14.9971, 13.4947, 20.1137



11.9151, 13.4947, 8.6334



12.3899, 13.4947, 23.5937

Square

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



11.9151, 13.4947, 8.6334



10.4851, 13.4947, 17.5329



13.7828, 13.4947, 23.0795



15.4924, 13.4947, 12.1784

Rectangle

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



11.9151, 13.4947, 8.6334



10.4718, 13.4947, 12.2845



13.7828, 13.4947, 23.0795



15.5097, 13.4947, 17.3983

Sweetspot

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



11.9154, 13.4953, 8.6337



23.0625, 24.8871, 23.0932



9.7500, 8.8194, 7.8453



5.3767, 5.8191, 5.2938



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.9154, 13.4953, 8.6337



20.8522, 23.9600, 13.3966



10.3466, 12.6865, 8.5603



3.3142, 3.5738, 3.3326



12.7611, 16.0738, 2.4300



64.7332, 81.7533, 12.3682

Inverse Universe

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



8.1270, 7.6302, 14.4098



12.9136, 11.6684, 25.5026



9.4800, 8.3277, 14.4731



2.9654, 3.0339, 3.8642



3.3266, 1.3419, 17.0059



16.6704, 6.6935, 86.6396

Previews

White Background



This preview shows how the XYZ color 11.9151, 13.4947, 8.6334 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 11.9151, 13.4947, 8.6334 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

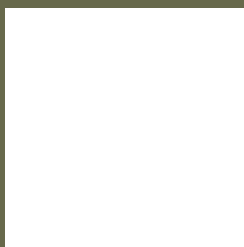
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.9151, 13.4947, 8.6334

Background



This preview shows how black text looks on a background with the XYZ color 11.9151, 13.4947, 8.6334.



This preview shows how white text looks on a background with the XYZ color 11.9151, 13.4947,

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

11.9151, 13.4947, 8.6334

Protanopia

12.6418, 13.5744, 8.4324

Deuteranopia

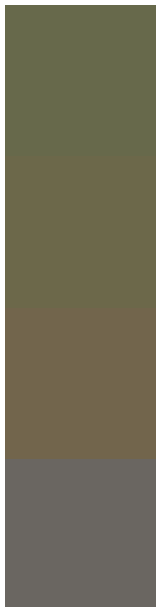
13.5573, 13.3221, 8.6944



Tritanopia

13.4774, 13.5373, 16.3706

Trichromacy



Original Color

11.9151, 13.4947, 8.6334

Protanomaly

12.3707, 13.5832, 8.4484

Deuteranomaly

12.8976, 13.4066, 8.7454

Tritanomaly

12.8529, 13.4300, 13.2241

Monochromacy



Original Color

11.9151, 13.4947, 8.6334

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.1626, 13.1002, 12.0128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9151, 13.4947, 8.6334 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, 105, 75)` looks like.

```
.text, #text, p{  
    color:rgb(103, 105, 75)  
}
```

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, 105, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 105, 75) }
```

Border

The CSS property to change the border of an element to XYZ 11.9151, 13.4947, 8.6334 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, 105, 75) }
```


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

```
.border{ border-color:rgb(103, 105, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 105, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 105, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 105, 75);  
box-shadow:4px 4px 4px 4px rgb(103, 105,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9151, 13.4947, 8.6334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 105, 75) }
```

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

```
.background{ background-color: rgb(103,  
105, 75) }
```

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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