

Converting Colors

XYZ(13.4490, 16.6756, 19.0751)

Have a look what the booklet for
XYZ(13.4490, 16.6756, 19.0751)
contains.

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Color

**XYZ(13.4694, 16.7295,
19.0422)**

Conversions

Conversions Part 1

Format	Color
Hex	527974
RGB	82, 121, 116
RGB Percent	32%, 47%, 45%
CMY	0.6784, 0.5255, 0.5451
CMYK	0.32, 0.00, 0.04, 0.53
HSL	172°, 19%, 40%
HSV	172°, 32%, 47%
XYZ	13.4694, 16.7295, 19.0422
YIQ	108.7690, -21.6390, -9.8230

Conversions

Conversions Part 2

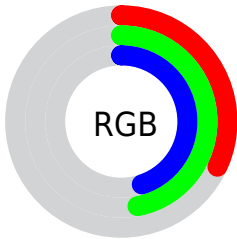
Format	Color
RYB	82, 103, 121
Decimal	5405044
CIELab	47.92, -14.83, -1.64
CIElCh	48, 14.917, 186.321
Yxy	16.7295, 0.2735, 0.3397
Android (android.graphics.Color)	4283595124 (0xFF527974)
YUV	108.7690, 3.5649, -23.4764
Hunter-Lab	40.9017, -12.7959, 1.0281

Details

The XYZ color **13.4694, 16.7295, 19.0422** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.6233, 10.7881, 10.4344**, and the grayscale version is **14.4654, 15.2187, 16.5732**.

A 20% lighter version of the original color is **31.6843, 37.7008, 42.6528**, and **4.0204, 5.3922, 6.2977** is the 20% darker color. If you saturate the color by 10%, you get **12.4192, 16.1989, 18.5261**, and if you desaturate by 10%, it is **14.7077, 17.3578, 19.5757**.

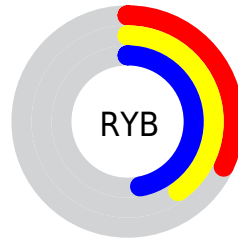
Distribution



Red (32%)

Green (47%)

Blue (45%)



Red (32%)

Yellow (40%)

Blue (47%)

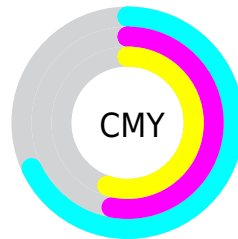


Cyan (32%)

Magenta (0%)

Yellow (4%)

Black (53%)



Cyan (68%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4694, 16.7295, 19.0422 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 13.4694, 16.7295, 19.0422 by changing the saturation by 10% instead.

■ 13.4694, 16.7295,
19.0422

■ 13.4694, 16.7295,
19.0422

207.4818,
233.6087, 259.1121

■ 7.8318, 10.0418,
11.5237

■ 31.7387, 37.8601,
42.6430

■ 4.0384, 5.4267,
6.3016

■ 45.1012, 53.0718,
59.5624

■ 1.7239, 2.4997,
2.9576

■ 61.7692, 71.8937,
80.4525

■ 0.4711, 0.8765,
1.0730

■ 82.1083, 94.7100,
105.7318

■ 0.0000, 0.0000,
0.0000

■ 106.4838,
121.9053, 135.8189

135.2609,

153.8640, 171.1322

168.8052,
190.9703, 212.0905

■ 13.4694, 16.7295,
19.0422

■ 13.4694, 16.7295,
19.0422

■ 12.4192, 16.1989,
18.5261

■ 14.7077, 17.3578,
19.5757

■ 11.5459, 15.7588,
18.0258

■ 16.1416, 18.0863,
20.1259

■ 10.8393, 15.4045,
17.5410

■ 17.7801, 18.9201,
20.6936

■ 10.2875, 15.1299,
17.0713

■ 19.6311, 19.8633,
21.2792

■ 9.8773, 14.9281,
16.6159

■ 21.7023, 20.9198,
21.8832

■ 9.5929, 14.7910,
16.1741

■ 24.0007, 22.0933,
22.5059

■ 9.4125, 14.7052,
15.8380

■ 26.5331, 23.3872,
23.1476

■ 29.3062, 24.8050,
23.8087

■ 32.3262, 26.3499,
24.4895

Harmonies

Analogous

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



13.6508, 16.7295, 15.4034



13.4694, 16.7295, 19.0422



13.9093, 16.7295, 22.9576

Triad

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



13.4694, 16.7295, 19.0422



17.4803, 16.7295, 24.8492



16.9609, 16.7295, 12.2463

Complementary

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



13.4694, 16.7295, 19.0422



12.6233, 10.7881, 10.4344

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.



18.0740, 16.7295, 14.1761



13.4694, 16.7295, 19.0422



18.3855, 16.7295, 21.3508

Square

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



13.4694, 16.7295, 19.0422



16.1870, 16.7295, 26.6013



18.6087, 16.7295, 17.4132



15.6182, 16.7295, 11.8082

Rectangle

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



13.4694, 16.7295, 19.0422



14.5112, 16.7295, 25.0906



18.6087, 16.7295, 17.4132



17.3766, 16.7295, 12.7273

Sweetspot

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



13.4699, 16.7302, 19.0426



29.4560, 32.6671, 36.2376



12.3100, 16.3205, 10.4843



6.6632, 7.4328, 8.2600



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.



13.4699, 16.7302, 19.0426



22.6349, 29.2069, 33.3802



12.1578, 13.6278, 20.0795



4.0860, 4.5040, 4.9867



10.0837, 15.7571, 16.9573



47.8803, 75.0751, 79.7306

Inverse Universe

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



12.6233, 10.7881, 10.4344



20.8599, 16.7323, 15.3198



13.6190, 13.0952, 9.7928



4.0173, 4.0226, 4.2888



8.5438, 4.3937, 0.8889



40.5739, 20.8859, 3.2862

Previews

White Background



This preview shows how the XYZ color 13.4694, 16.7295, 19.0422 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 13.4694, 16.7295, 19.0422 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 13.4694, 16.7295, 19.0422

Background



This preview shows how black text looks on a background with the XYZ color 13.4694, 16.7295, 19.0422.



This preview shows how white text looks on a background with the XYZ color 13.4694, 16.7295,

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

13.4694, 16.7295, 19.0422

Protanopia

15.9768, 16.6710, 17.4147

Deuteranopia

16.8720, 16.5974, 19.4539



Tritanopia

14.3056, 16.7099, 23.2402

Trichromacy



Original Color

13.4694, 16.7295, 19.0422

Protanomaly

14.9349, 16.6261, 18.0448

Deuteranomaly

15.2916, 16.4448, 19.1978

Tritanomaly

14.0107, 16.7730, 21.5679

Monochromacy



Original Color

13.4694, 16.7295, 19.0422

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

13.9753, 15.6328, 17.6101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4694, 16.7295, 19.0422 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(82, 121, 116)` looks like.

```
.text, #text, p{  
    color:rgb(82, 121, 116)  
}
```

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(82, 121, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 121, 116) }
```

Border

The CSS property to change the border of an element to XYZ 13.4694, 16.7295, 19.0422 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(82, 121, 116) }
```


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

```
.border{ border-color:rgb(82, 121, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 121, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 121, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 121, 116);  
box-shadow:4px 4px 4px 4px rgb(82, 121,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4694, 16.7295, 19.0422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 121, 116) }
```

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

```
.background{ background-color: rgb(82, 121,  
116) }
```

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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