

Converting Colors

XYZ(17.1479, 24.5610, 13.9795)

Have a look what the booklet for
XYZ(17.1479, 24.5610, 13.9795)
contains.

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Color

**XYZ(17.1934, 24.5948,
13.9663)**

Conversions

Conversions Part 1

Format	Color
Hex	5D955C
RGB	93, 149, 92
RGB Percent	36%, 58%, 36%
CMY	0.6353, 0.4157, 0.6392
CMYK	0.38, 0.00, 0.38, 0.42
HSL	119°, 24%, 47%
HSV	119°, 38%, 58%
XYZ	17.1934, 24.5948, 13.9663
YIQ	125.7580, -15.0790, -29.5990

Conversions

Conversions Part 2

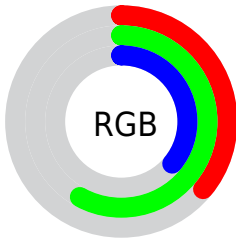
Format	Color
R_{YB}	92, 149, 148
Decimal	6133084
CIE _{Lab}	56.68, -30.49, 24.44
CIE _{LCh}	57, 39.080, 141.283
Yxy	24.5948, 0.3084, 0.4411
Android (android.graphics.Color)	4284323164 (0xFF5D955C)
YUV	125.7580, -16.6427, -28.7288
Hunter-Lab	49.5931, -24.9040, 18.0181

Details

The XYZ color **17.1934, 24.5948, 13.9663** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.4660, 16.1210, 30.4154**, and the grayscale version is **19.8079, 20.8394, 22.6942**.

A 20% lighter version of the original color is **38.4049, 51.2799, 33.8605**, and **5.7962, 9.4171, 3.9948** is the 20% darker color. If you saturate the color by 10%, you get **15.2626, 23.6682, 10.8039**, and if you desaturate by 10%, it is **19.5372, 25.7210, 17.8178**.

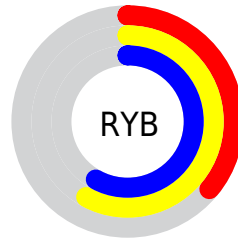
Distribution



Red (36%)

Green (58%)

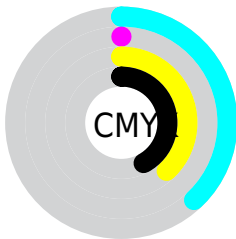
Blue (36%)



Red (36%)

Yellow (58%)

Blue (58%)

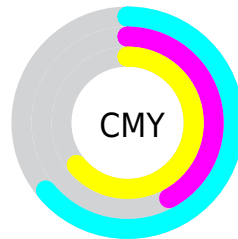


Cyan (38%)

Magenta (0%)

Yellow (38%)

Black (42%)



Cyan (64%)

Magenta (42%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1934, 24.5948, 13.9663 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 17.1934, 24.5948, 13.9663 by changing the saturation by 10% instead.

■ 17.1934, 24.5948,
13.9663

■ 17.1934, 24.5948,
13.9663

229.4190,
275.8140, 228.4422

■ 10.4686, 15.7754,
7.9587

■ 38.1990, 50.9991,
33.7455

■ 5.7754, 9.3654,
3.9812

■ 53.2105, 69.3528,
48.3542

■ 2.7484, 4.9803,
1.6150

■ 71.7149, 91.6534,
66.6670

■ 1.0221, 2.2357,
0.3015

■ 94.0777, 118.2854,
89.1026

■ 0.0000, 0.7393,
0.0000

120.6641,
149.6330, 116.0793

■ 0.0000, 0.0000,
0.0000

151.8396,

186.0807, 148.0158

187.9694,
228.0129, 185.3306

■ 17.1934, 24.5948,
13.9663

■ 17.1934, 24.5948,
13.9663

■ 15.2626, 23.6682,
10.8039

■ 19.5372, 25.7210,
17.8178

■ 13.7193, 22.9266,
8.2886

■ 22.3142, 27.0541,
22.3941

■ 12.5377, 22.3586,
6.3761


■ 25.5451, 28.6050,
27.7302


■ 11.6885, 21.9501,
5.0159


■ 29.2492, 30.3827,
33.8584


■ 11.1376, 21.6847,
4.1496


■ 33.4443, 32.3959,
40.8093


 10.8269, 21.5350,
3.6607

 38.1476, 34.6527,
48.6116

 10.7806, 21.5128,
3.5842

 43.3751, 37.1609,
57.2928

 49.1425, 39.9278,
66.8791

 55.4645, 42.9607,
77.3958

Harmonies

Analogous

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



20.3427, 24.5948, 9.5603



17.1934, 24.5948, 13.9663



15.7515, 24.5948, 23.1590

Triad

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



17.1934, 24.5948, 13.9663



22.0757, 24.5948, 59.9647



32.5129, 24.5948, 18.6757

Complementary

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



17.1934, 24.5948, 13.9663



21.4660, 16.1210, 30.4154

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.



33.1343, 24.5948, 30.7591



17.1934, 24.5948, 13.9663



26.6981, 24.5948, 57.5679

Square

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



17.1934, 24.5948, 13.9663



18.3205, 24.5948, 51.4719



30.8887, 24.5948, 45.7068



29.2867, 24.5948, 11.6014

Rectangle

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



17.1934, 24.5948, 13.9663



15.8039, 24.5948, 31.9870



30.8887, 24.5948, 45.7068



33.0486, 24.5948, 22.1704

Sweetspot

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



17.1940, 24.5958, 13.9668



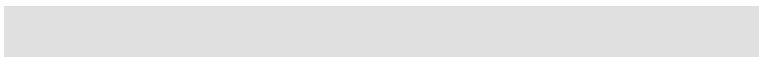
43.9417, 50.3595, 46.6772



24.7767, 28.0622, 14.2363



9.5808, 11.0848, 10.0845



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.1940, 24.5958, 13.9668



27.7485, 42.5847, 20.0282



18.4677, 25.0937, 21.1981



5.7384, 6.4730, 6.1874



9.0757, 18.1066, 3.0166



0.1129, 0.2226, 0.0370

Inverse Universe

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



21.4660, 16.1210, 30.4154



36.5300, 25.1561, 53.8515



19.7602, 15.4596, 20.4859



6.0254, 5.9041, 7.2918



14.6038, 7.0011, 24.5127



0.1813, 0.0870, 0.3001

Previews

White Background



This preview shows how the XYZ color 17.1934, 24.5948, 13.9663 looks on a white 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

Black Background



This preview shows how the XYZ color 17.1934, 24.5948, 13.9663 looks on a black 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

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

XYZ 17.1934, 24.5948, 13.9663

Background



This preview shows how black text looks on a background with the XYZ color 17.1934, 24.5948, 13.9663.



This preview shows how white text looks on a background with the XYZ color 17.1934, 24.5948,

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

17.1934, 24.5948, 13.9663

Protanopia

22.4169, 24.2191, 12.5101

Deuteranopia

24.7919, 24.3869, 14.4668



Tritanopia

21.2485, 24.6492, 33.7748

Trichromacy



Original Color

17.1934, 24.5948, 13.9663

Protanomaly

19.9337, 23.9895, 13.0310

Deuteranomaly

21.1646, 23.9518, 14.3341

Tritanomaly

19.5890, 24.6562, 25.1994

Monochromacy



Original Color

17.1934, 24.5948, 13.9663

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.5018, 21.8425, 19.1605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1934, 24.5948, 13.9663 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(93, 149, 92)` looks like.

```
.text, #text, p{  
    color:rgb(93, 149, 92)  
}
```

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(93, 149, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 149, 92) }
```

Border

The CSS property to change the border of an element to XYZ 17.1934, 24.5948, 13.9663 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(93, 149, 92) }
```


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

```
.border{ border-color:rgb(93, 149, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 149, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 149, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 149, 92);  
box-shadow:4px 4px 4px 4px rgb(93, 149,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1934, 24.5948, 13.9663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 149, 92) }
```

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

```
.background{ background-color: rgb(93, 149,  
92) }
```

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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