

Converting Colors

XYZ(17.4937, 24.2172, 16.9336)

Have a look what the booklet for
XYZ(17.4937, 24.2172, 16.9336)
contains.

XYZ(17.4466, 24.1941, 16.8471)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.4466, 24.1941,
16.8471)**

Conversions

Conversions Part 1

Format	Color
Hex	5D9368
RGB	93, 147, 104
RGB Percent	36%, 58%, 41%
CMY	0.6353, 0.4235, 0.5922
CMYK	0.37, 0.00, 0.29, 0.42
HSL	132°, 23%, 47%
HSV	132°, 37%, 58%
XYZ	17.4466, 24.1941, 16.8471
YIQ	125.9520, -18.3810, -24.8210

Conversions

Conversions Part 2

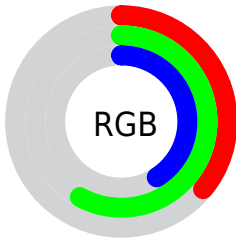
Format	Color
R_{YB}	93, 138, 147
Decimal	6132584
CIE _{Lab}	56.28, -27.40, 17.25
CIE _{LCh}	56, 32.379, 147.803
Y _{xy}	24.1941, 0.2983, 0.4137
Android (android.graphics.Color)	4284322664 (0xFF5D9368)
YUV	125.9520, -10.8223, -28.8989
Hunter-Lab	49.1875, -22.7649, 14.1240

Details

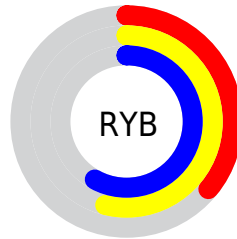
The XYZ color **17.4466, 24.1941, 16.8471** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.3917, 15.8098, 25.2702**, and the grayscale version is **19.8555, 20.8895, 22.7487**.

A 20% lighter version of the original color is **38.4801, 50.1596, 38.6640**, and **5.9177, 9.1747, 5.3299** is the 20% darker color. If you saturate the color by 10%, you get **15.5455, 23.2787, 13.8670**, and if you desaturate by 10%, it is **19.7176, 25.2920, 20.2764**.

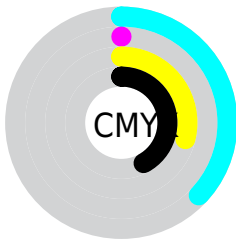
Distribution



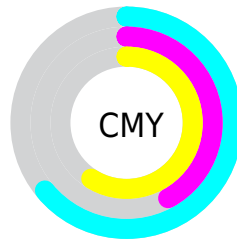
- Red (36%)
- Green (58%)
- Blue (41%)



- Red (36%)
- Yellow (54%)
- Blue (58%)



- Cyan (37%)
- Magenta (0%)
- Yellow (29%)
- Black (42%)



- Cyan (64%)
- Magenta (42%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4466, 24.1941, 16.8471 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 17.4466, 24.1941, 16.8471 by changing the saturation by 10% instead.

■ 17.4466, 24.1941,
16.8471

■ 17.4466, 24.1941,
16.8471

230.8394,
273.8003, 246.3038

■ 10.6507, 15.4777,
9.9647

■ 38.6296, 50.3468,
38.8497

■ 5.8980, 9.1553,
5.2703

■ 53.7474, 68.5518,
54.8071

■ 2.8232, 4.8426,
2.3452

■ 72.3698, 90.6884,
74.6265

■ 1.0610, 2.1552,
0.7564

■ 94.8623, 117.1411,
98.7266

■ 0.0000, 0.6954,
0.0000

121.5901,
148.2943, 127.5258

■ 0.0000, 0.0000,
0.0000

152.9187,

184.5323, 161.4427

189.2133,
226.2395, 200.8958

■ 17.4466, 24.1941,
16.8471

■ 17.4466, 24.1941,
16.8471

■ 15.5455, 23.2787,
13.8670

■ 19.7176, 25.2920,
20.2764

■ 13.9925, 22.5330,
11.3160

■ 22.3749, 26.5784,
24.1709

■ 12.7666, 21.9471,
9.1748


■ 25.4363, 28.0629,
28.5476


■ 11.8435, 21.5091,
7.4217


■ 28.9177, 29.7534,
33.4223


■ 11.1954, 21.2051,
6.0335


■ 32.8344, 31.6573,
38.8099


 10.7797, 21.0135,
4.9837

 37.2008, 33.7819,
44.7249

 10.6679, 20.9619,
4.7085

 42.0306, 36.1338,
51.1810

 47.3370, 38.7197,
58.1917

 53.1326, 41.5457,
65.7697

Harmonies

Analogous

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



19.8111, 24.1941, 12.0348



17.4466, 24.1941, 16.8471



16.5496, 24.1941, 25.5638

Triad

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



17.4466, 24.1941, 16.8471



22.7220, 24.1941, 52.6497



29.9386, 24.1941, 17.8797

Complementary

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



17.4466, 24.1941, 16.8471



20.3917, 15.8098, 25.2702

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.



30.9299, 24.1941, 27.1384



17.4466, 24.1941, 16.8471



26.5046, 24.1941, 49.0003

Square

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



17.4466, 24.1941, 16.8471



19.3832, 24.1941, 47.8192



29.6121, 24.1941, 38.8688



27.0315, 24.1941, 12.5078

Rectangle

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



17.4466, 24.1941, 16.8471



16.8226, 24.1941, 33.1330



29.6121, 24.1941, 38.8688



30.5199, 24.1941, 20.5509

Sweetspot

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



17.4472, 24.1951, 16.8476



42.9976, 49.0159, 47.4942



22.5963, 26.9100, 14.3593



9.6638, 11.1157, 10.6250



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.



17.4472, 24.1951, 16.8476



28.4142, 41.9641, 25.7515



19.0318, 24.8289, 25.1920



5.7751, 6.4866, 6.4263



9.2557, 18.1751, 4.1221



0.1221, 0.2260, 0.0969

Inverse Universe

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



20.3917, 15.8098, 25.2702



34.4674, 24.7053, 43.0515



18.7188, 15.1406, 16.4607



5.9852, 5.8892, 7.0283



13.2271, 6.4959, 15.2086



0.1722, 0.0836, 0.2403

Previews

White Background



This preview shows how the XYZ color 17.4466, 24.1941, 16.8471 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 17.4466, 24.1941, 16.8471 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 17.4466, 24.1941, 16.8471

Background



This preview shows how black text looks on a background with the XYZ color 17.4466, 24.1941, 16.8471.



This preview shows how white text looks on a background with the XYZ color 17.4466, 24.1941,

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

17.4466, 24.1941, 16.8471

Protanopia

22.2313, 23.8613, 14.9893

Deuteranopia

24.2673, 23.8511, 17.5121



Tritanopia

20.7859, 24.2003, 33.2814

Trichromacy



Original Color

17.4466, 24.1941, 16.8471

Protanomaly

19.9903, 23.7453, 15.5863

Deuteranomaly

21.1309, 23.6564, 17.3623

Tritanomaly

19.3412, 24.0468, 26.5438

Monochromacy



Original Color

17.4466, 24.1941, 16.8471

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.7345, 21.9356, 20.3861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4466, 24.1941, 16.8471 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, 147, 104)` looks like.

```
.text, #text, p{  
    color:rgb(93, 147, 104)  
}
```

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, 147, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 147, 104) }
```

Border

The CSS property to change the border of an element to XYZ 17.4466, 24.1941, 16.8471 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, 147, 104) }
```


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

```
.border{ border-color:rgb(93, 147, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 147, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 147, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 147, 104);  
box-shadow:4px 4px 4px 4px rgb(93, 147,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4466, 24.1941, 16.8471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 147, 104) }
```

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

```
.background{ background-color: rgb(93, 147,  
104) }
```

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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