

Converting Colors

XYZ(17.2588, 24.3333, 19.8540)

Have a look what the booklet for
XYZ(17.2588, 24.3333, 19.8540)
contains.

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Color

**XYZ(17.1944, 24.2337,
19.6909)**

Conversions

Conversions Part 1

Format	Color
Hex	539472
RGB	83, 148, 114
RGB Percent	33%, 58%, 45%
CMY	0.6745, 0.4196, 0.5529
CMYK	0.44, 0.00, 0.23, 0.42
HSL	149°, 28%, 45%
HSV	149°, 44%, 58%
XYZ	17.1944, 24.2337, 19.6909
YIQ	124.6890, -27.8260, -24.3540

Conversions

Conversions Part 2

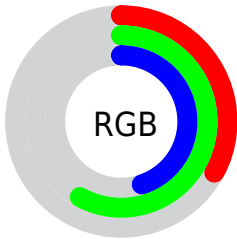
Format	Color
RYB	83, 127, 148
Decimal	5477490
CIELab	56.32, -28.95, 11.59
CIELCh	56, 31.180, 158.177
Yxy	24.2337, 0.2813, 0.3965
Android (android.graphics.Color)	4283667570 (0xFF539472)
YUV	124.6890, -5.2697, -36.5613
Hunter-Lab	49.2277, -23.8016, 10.7436

Details

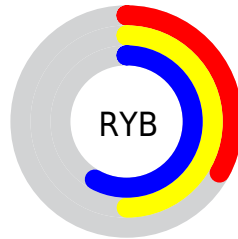
The XYZ color **17.1944, 24.2337, 19.6909** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.5176, 13.7672, 18.5118**, and the grayscale version is **19.4128, 20.4238, 22.2415**.

A 20% lighter version of the original color is **38.1568, 50.2285, 43.7604**, and **5.7935, 9.2188, 6.6283** is the 20% darker color. If you saturate the color by 10%, you get **15.6033, 23.4629, 17.4129**, and if you desaturate by 10%, it is **19.1029, 25.1651, 22.1795**.

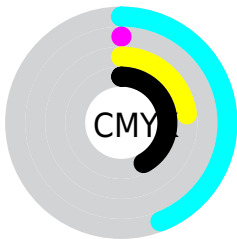
Distribution



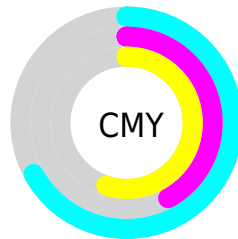
- Red (33%)
- Green (58%)
- Blue (45%)



- Red (33%)
- Yellow (50%)
- Blue (58%)



- Cyan (44%)
- Magenta (0%)
- Yellow (23%)
- Black (42%)



- Cyan (67%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1944, 24.2337, 19.6909 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 17.1944, 24.2337, 19.6909 by changing the saturation by 10% instead.

■ 17.1944, 24.2337,
19.6909

■ 17.1944, 24.2337,
19.6909

229.4246,
273.9999, 262.7855

■ 10.4694, 15.5071,
11.9887

■ 38.2007, 50.4113,
43.7505

■ 5.7759, 9.1760,
6.6135

■ 53.2126, 68.6311,
60.9450

■ 2.7486, 4.8562,
3.1469

■ 71.7175, 90.7840,
82.1406

■ 1.0223, 2.1631,
1.1701

■ 94.0808, 117.2545,
107.7560

■ 0.0000, 0.6998,
0.0000

■ 120.6678,
148.4269, 138.2096

■ 0.0000, 0.0000,
0.0000

151.8439,

184.6857, 173.9201

187.9744,
226.4152, 215.3058

■ 17.1944, 24.2337,
19.6909

■ 17.1944, 24.2337,
19.6909

■ 15.6033, 23.4629,
17.4129

■ 19.1029, 25.1651,
22.1795

■ 14.3088, 22.8401,
15.3383

■ 21.3440, 26.2630,
24.8826

■ 13.2907, 22.3557,
13.4615


■ 23.9344, 27.5363,
27.8058


■ 12.5249, 21.9975,
11.7763


■ 26.8888, 28.9928,
30.9543


■ 11.9830, 21.7508,
10.2759


■ 30.2213, 30.6394,
34.3329

 11.7144, 21.6303,
9.4492

 33.9451, 32.4830,
37.9462

 38.0728, 34.5299,
41.7989

 42.6164, 36.7862,
45.8954

 47.5874, 39.2579,
50.2399

Harmonies

Analogous

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



19.0200, 24.2337, 13.6843



17.1944, 24.2337, 19.6909



16.8470, 24.2337, 29.3032

Triad

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



17.1944, 24.2337, 19.6909



24.0306, 24.2337, 51.2293



28.9051, 24.2337, 15.9451

Complementary

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



17.1944, 24.2337, 19.6909



18.5176, 13.7672, 18.5118

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.



30.5745, 24.2337, 23.6698



17.1944, 24.2337, 19.6909



27.5750, 24.2337, 45.2060

Square

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



17.1944, 24.2337, 19.6909



20.5585, 24.2337, 49.3582



30.0640, 24.2337, 34.4498



25.6994, 24.2337, 11.9461

Rectangle

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



17.1944, 24.2337, 19.6909



17.4622, 24.2337, 36.8805



30.0640, 24.2337, 34.4498



29.6789, 24.2337, 18.0996

Sweetspot

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



17.1951, 24.2347, 19.6915



42.5531, 48.7439, 49.4142



19.5780, 25.6337, 12.0997



9.4872, 11.0155, 11.0312



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.



17.1951, 24.2347, 19.6915



27.4949, 41.3804, 30.6697



19.3333, 25.0900, 30.9512



5.8379, 6.5117, 6.7571



10.0192, 18.4805, 8.1426



0.1374, 0.2321, 0.1772

Inverse Universe

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



18.5176, 13.7672, 18.5118



30.1465, 20.3826, 28.2957



16.9530, 13.1414, 10.2723



5.9199, 5.8630, 6.6843



11.6023, 5.8460, 6.6527



0.1569, 0.0775, 0.1599

Previews

White Background



This preview shows how the XYZ color 17.1944, 24.2337, 19.6909 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 17.1944, 24.2337, 19.6909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

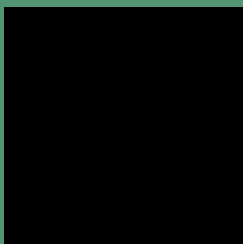
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.1944, 24.2337, 19.6909

Background



This preview shows how black text looks on a background with the XYZ color 17.1944, 24.2337, 19.6909.



This preview shows how white text looks on a background with the XYZ color 17.1944, 24.2337,

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

17.1944, 24.2337, 19.6909

Protanopia

22.5066, 23.9514, 17.3468

Deuteranopia

24.2571, 23.7808, 20.4512



Tritanopia

20.1694, 24.3052, 34.2002

Trichromacy



Original Color

17.1944, 24.2337, 19.6909

Protanomaly

19.9322, 23.6560, 18.2674

Deuteranomaly

20.9171, 23.4819, 20.2596

Tritanomaly

18.9054, 24.2387, 28.1082

Monochromacy



Original Color

17.1944, 24.2337, 19.6909

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.2691, 21.4705, 21.2705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1944, 24.2337, 19.6909 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(83, 148, 114)` looks like.

```
.text, #text, p{  
    color:rgb(83, 148, 114)  
}
```

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(83, 148, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 148, 114) }
```

Border

The CSS property to change the border of an element to XYZ 17.1944, 24.2337, 19.6909 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(83, 148, 114) }
```


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

```
.border{ border-color:rgb(83, 148, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 148, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 148, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 148, 114);  
box-shadow:4px 4px 4px 4px rgb(83, 148,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1944, 24.2337, 19.6909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 148, 114) }
```

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

```
.background{ background-color: rgb(83, 148,  
114) }
```

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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