

Converting Colors

XYZ(19.8593, 24.1594, 3.6165)

Have a look what the booklet for
XYZ(19.8593, 24.1594, 3.6165)
contains.

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Color

**XYZ(19.8593, 24.1594,
3.6165)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8C00
RGB	138, 140, 0
RGB Percent	54%, 55%, 0%
CMY	0.4588, 0.4510, 1.0000
CMYK	0.01, 0.00, 1.00, 0.45
HSL	61°, 100%, 27%
HSV	61°, 100%, 55%
XYZ	19.8593, 24.1594, 3.6165
YIQ	123.4420, 43.7480, -43.9640

Conversions

Conversions Part 2

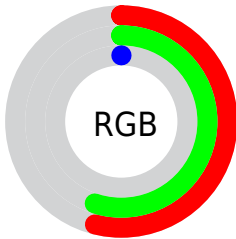
Format	Color
RYB	0, 140, 2
Decimal	9079808
CIELab	56.25, -14.71, 60.27
CIELCh	56, 62.044, 103.718
Yxy	24.1594, 0.4169, 0.5072
Android (android.graphics.Color)	4287269888 (0xFF8A8C00)
YUV	123.4420, -60.8569, 12.7674
Hunter-Lab	49.1522, -13.8958, 30.0441

Details

The XYZ color **19.8593, 24.1594, 3.6165** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4.7592, 1.9068, 24.9296**, and the grayscale version is **19.1590, 20.1567, 21.9507**.

A 20% lighter version of the original color is **42.6498, 50.1717, 13.0664**, and **7.3123, 9.1971, 1.3898** is the 20% darker color. If you saturate the color by 10%, you get **19.8598, 24.1605, 3.6167**, and if you desaturate by 10%, it is **19.9723, 24.2094, 4.0360**.

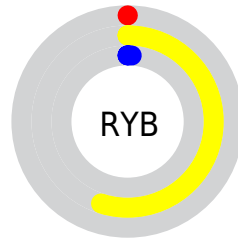
Distribution



Red (54%)

Green (55%)

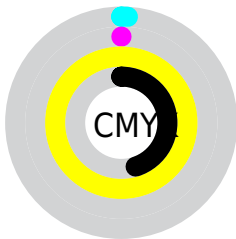
Blue (0%)



Red (0%)

Yellow (55%)

Blue (1%)

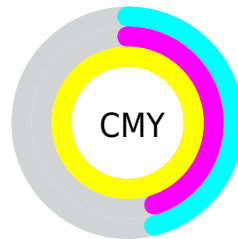


Cyan (1%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (46%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8593, 24.1594, 3.6165 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 19.8593, 24.1594, 3.6165 by changing the saturation by 10% instead.

■ 19.8593, 24.1594,
3.6165

■ 19.8593, 24.1594,
3.6165

244.0005,
273.6254, 143.8623

■ 12.4005, 15.4519,
1.4174

■ 42.6869, 50.2902,
13.1152

■ 7.0912, 9.1372,
0.1552

■ 58.7864, 68.4823,
21.2518

■ 3.5660, 4.8308,
0.0000

■ 78.4968, 90.6047,
32.2048

■ 1.4597, 2.1483,
0.0000

■ 102.1836,
117.0418, 46.3925


■ 0.2981, 0.6916,
0.0000


■ 130.2119,
148.1781, 64.2336


■ 0.0000, 0.0000,
0.0000


■ 162.9473,


184.3978, 86.1465


 200.7551,
226.0854, 112.5499


 19.8593, 24.1594,
3.6165


 19.8593, 24.1594,
3.6165


 19.8598, 24.1605,
3.6167

 19.9723, 24.2094,
4.0360

 20.1360, 24.2787,
4.7242

 20.3777, 24.3792,
5.8231

 20.7070, 24.5148,
7.3832

 21.1322, 24.6887,
9.4478

■ 21.6606, 24.9039,
12.0552

■ 22.2986, 25.1630,
15.2399

■ 23.0524, 25.4684,
19.0338

■ 23.9275, 25.8224,
23.4661

Harmonies

Analogous

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



27.0297, 24.1594, 3.7391



19.8593, 24.1594, 3.6165



14.7234, 24.1594, 6.8960

Triad

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



19.8593, 24.1594, 3.6165



14.4029, 24.1594, 63.8960



38.8177, 24.1594, 38.9365

Complementary

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



19.8593, 24.1594, 3.6165



4.7592, 1.9068, 24.9296

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.



33.8144, 24.1594, 66.1696



19.8593, 24.1594, 3.6165



19.3257, 24.1594, 84.9516

Square

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



19.8593, 24.1594, 3.6165



12.0435, 24.1594, 36.7716



26.3738, 24.1594, 85.9500



39.0436, 24.1594, 18.0416

Rectangle

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



19.8593, 24.1594, 3.6165



12.7240, 24.1594, 12.4570



26.3738, 24.1594, 85.9500



37.5984, 24.1594, 47.8313

Sweetspot

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



19.8598, 24.1605, 3.6170



39.2334, 44.3295, 26.4769



10.8160, 5.5760, 0.5065



8.9395, 10.1737, 5.5966



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



19.8598, 24.1605, 3.6170



34.9994, 42.5873, 6.3755



11.9050, 20.0596, 3.2447



5.4241, 5.8414, 5.3940



17.6468, 21.4672, 3.2135



0.1183, 0.1432, 0.0214

Inverse Universe

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



4.7592, 1.9068, 24.9296



8.3781, 3.3550, 43.9490



7.2603, 3.1961, 25.0467



4.7808, 4.8954, 6.2988



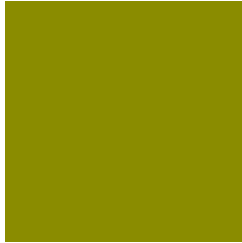
4.2298, 1.6947, 22.1499



0.0289, 0.0116, 0.1472

Previews

White Background



This preview shows how the XYZ color 19.8593, 24.1594, 3.6165 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 19.8593, 24.1594, 3.6165 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 19.8593, 24.1594, 3.6165

Background



This preview shows how black text looks on a background with the XYZ color 19.8593, 24.1594, 3.6165.



This preview shows how white text looks on a background with the XYZ color 19.8593, 24.1594,

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

19.8593, 24.1594, 3.6165

Protanopia

21.6129, 24.0033, 3.4940

Deuteranopia

24.4416, 24.0423, 4.1115



Tritanopia

24.7489, 24.0618, 28.1509

Trichromacy



Original Color

19.8593, 24.1594, 3.6165

Protanomaly

20.9783, 24.0944, 3.5450

Deuteranomaly

22.4311, 23.8033, 3.8277

Tritanomaly

21.8299, 23.7008, 12.8753

Monochromacy



Original Color

19.8593, 24.1594, 3.6165

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.1275, 20.8398, 10.2748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8593, 24.1594, 3.6165 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(138, 140, 0)` looks like.

```
.text, #text, p{  
    color:rgb(138, 140, 0)  
}
```

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(138, 140, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 140, 0) }
```

Border

The CSS property to change the border of an element to XYZ 19.8593, 24.1594, 3.6165 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(138, 140, 0) }
```


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

```
.border{ border-color:rgb(138, 140, 0) }
```

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

Here you see how a box with a 4 pixel rgb(138, 140, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 140, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 140, 0);  
box-shadow:4px 4px 4px 4px rgb(138, 140,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8593, 24.1594, 3.6165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 140, 0) }
```

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

```
.background{ background-color: rgb(138,  
140, 0) }
```

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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