

Converting Colors

XYZ(17.4131, 24.1391, 20.5828)

Have a look what the booklet for
XYZ(17.4131, 24.1391, 20.5828)
contains.

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Color

**XYZ(17.3909, 24.0831,
20.5615)**

Conversions

Conversions Part 1

Format	Color
Hex	559375
RGB	85, 147, 117
RGB Percent	33%, 58%, 46%
CMY	0.6667, 0.4235, 0.5412
CMYK	0.42, 0.00, 0.20, 0.42
HSL	151°, 27%, 45%
HSV	151°, 42%, 58%
XYZ	17.3909, 24.0831, 20.5615
YIQ	125.0420, -27.3220, -22.4740

Conversions

Conversions Part 2

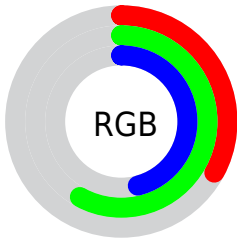
Format	Color
R_{YB}	85, 126, 147
Decimal	5608309
CIE _{Lab}	56.17, -27.23, 9.69
CIE _{LCh}	56, 28.898, 160.410
Yxy	24.0831, 0.2803, 0.3882
Android (android.graphics.Color)	4283798389 (0xFF559375)
YUV	125.0420, -3.9647, -35.1168
Hunter-Lab	49.0745, -22.6241, 9.5105

Details

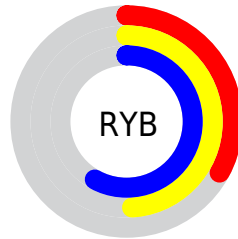
The XYZ color **17.3909, 24.0831, 20.5615** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.3764, 13.9384, 17.9424**, and the grayscale version is **19.5272, 20.5441, 22.3725**.

A 20% lighter version of the original color is **38.3646, 49.9562, 45.1566**, and **5.8842, 9.1187, 7.0802** is the 20% darker color. If you saturate the color by 10%, you get **15.7901, 23.3050, 18.3860**, and if you desaturate by 10%, it is **19.3021, 25.0188, 22.9185**.

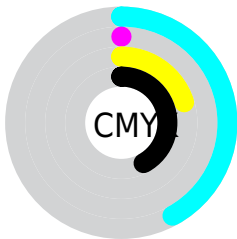
Distribution



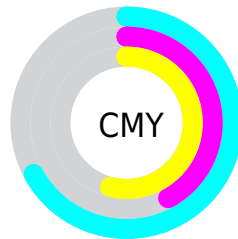
- Red (33%)
- Green (58%)
- Blue (46%)



- Red (33%)
- Yellow (49%)
- Blue (58%)



- Cyan (42%)
- Magenta (0%)
- Yellow (20%)
- Black (42%)



- Cyan (67%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3909, 24.0831, 20.5615 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 17.3909, 24.0831, 20.5615 by changing the saturation by 10% instead.

■ 17.3909, 24.0831,
20.5615

■ 17.3909, 24.0831,
20.5615

230.5276,
273.2403, 267.6429

■ 10.6106, 15.3953,
12.6157

■ 38.5349, 50.1658,
45.2279

■ 5.8710, 9.0973,
7.0369

■ 53.6294, 68.3294,
62.7856

■ 2.8067, 4.8047,
3.4064

■ 72.2259, 90.4204,
84.3843

■ 1.0524, 2.1331,
1.3057

■ 94.6899, 116.8233,
110.4427

■ 0.0000, 0.6832,
0.0664

■ 121.3868,
147.9223, 141.3792

■ 0.0000, 0.0000,
0.0000

152.6818,

184.1019, 177.6124

188.9403,
225.7464, 219.5608

■ 17.3909, 24.0831,
20.5615

■ 17.3909, 24.0831,
20.5615

■ 15.7901, 23.3050,
18.3860

■ 19.3021, 25.0188,
22.9185

■ 14.4797, 22.6724,
16.3858

■ 21.5382, 26.1176,
25.4598

■ 13.4404, 22.1760,
14.5568

■ 24.1151, 27.3883,
28.1899

■ 12.6496, 21.8043,
12.8940

■ 27.0472, 28.8382,
31.1129

■ 12.0805, 21.5436,
11.3920

■ 30.3479, 30.4742,
34.2326

■ 11.7342, 21.3883,
10.3238

■ 34.0299, 32.3027,
37.5529

■ 38.1054, 34.3298,
41.0774

■ 42.5859, 36.5616,
44.8096

■ 47.4825, 39.0037,
48.7530

Harmonies

Analogous

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



18.9989, 24.0831, 14.6264



17.3909, 24.0831, 20.5615



17.1718, 24.0831, 29.6642

Triad

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



17.3909, 24.0831, 20.5615



24.0624, 24.0831, 48.6083



28.0992, 24.0831, 16.0725

Complementary

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



17.3909, 24.0831, 20.5615



18.3764, 13.9384, 17.9424

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.



29.7552, 24.0831, 23.0577



17.3909, 24.0831, 20.5615



27.2797, 24.0831, 42.7382

Square

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



17.3909, 24.0831, 20.5615



20.8173, 24.0831, 47.4753



29.4416, 24.0831, 32.8372



25.0964, 24.0831, 12.5015

Rectangle

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



17.3909, 24.0831, 20.5615



17.8176, 24.0831, 36.6001



29.4416, 24.0831, 32.8372



28.8444, 24.0831, 18.0190

Sweetspot

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



17.3916, 24.0841, 20.5620



42.6515, 48.7832, 49.9324



19.2767, 25.2374, 12.4499



9.5128, 11.0258, 11.1658



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.



17.3916, 24.0841, 20.5620



28.3101, 41.7505, 32.9733



19.4473, 24.9064, 31.3874



5.8471, 6.5154, 6.8055



10.1850, 18.5468, 9.0159



0.1396, 0.2330, 0.1888

Inverse Universe

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



18.3764, 13.9384, 17.9424



30.3270, 20.9836, 27.6159



16.9215, 13.3564, 10.2808



5.9107, 5.8593, 6.6359



11.4337, 5.7786, 5.7651



0.1547, 0.0766, 0.1484

Previews

White Background



This preview shows how the XYZ color 17.3909, 24.0831, 20.5615 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 17.3909, 24.0831, 20.5615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

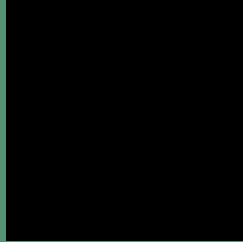
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.3909, 24.0831, 20.5615

Background



This preview shows how black text looks on a background with the XYZ color 17.3909, 24.0831, 20.5615.



This preview shows how white text looks on a background with the XYZ color 17.3909, 24.0831,

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

17.3909, 24.0831, 20.5615

Protanopia

22.4949, 23.9268, 18.1846

Deuteranopia

24.2503, 23.7564, 21.3965



Tritanopia

20.0389, 24.0256, 33.7182

Trichromacy



Original Color

17.3909, 24.0831, 20.5615

Protanomaly

20.0984, 23.7224, 19.1424

Deuteranomaly

21.0964, 23.5536, 21.2037

Tritanomaly

19.0213, 24.0641, 28.4533

Monochromacy



Original Color

17.3909, 24.0831, 20.5615

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.3308, 21.4952, 21.5952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3909, 24.0831, 20.5615 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(85, 147, 117)` looks like.

```
.text, #text, p{  
    color:rgb(85, 147, 117)  
}
```

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(85, 147, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 147, 117) }
```

Border

The CSS property to change the border of an element to XYZ 17.3909, 24.0831, 20.5615 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(85, 147, 117) }
```


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

```
.border{ border-color:rgb(85, 147, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 147, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 147, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 147, 117);  
box-shadow:4px 4px 4px 4px rgb(85, 147,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3909, 24.0831, 20.5615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 147, 117) }
```

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

```
.background{ background-color: rgb(85, 147,  
117) }
```

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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