

Converting Colors

XYZ(19.8026, 24.5787, 23.4391)

Have a look what the booklet for
XYZ(19.8026, 24.5787, 23.4391)
contains.

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Color

**XYZ(19.8026, 24.5787,
23.4391)**

Conversions

Conversions Part 1

Format	Color
Hex	6B907E
RGB	107, 144, 126
RGB Percent	42%, 56%, 49%
CMY	0.5804, 0.4353, 0.5059
CMYK	0.26, 0.00, 0.13, 0.44
HSL	151°, 15%, 49%
HSV	151°, 26%, 56%
XYZ	19.8026, 24.5787, 23.4391
YIQ	130.8850, -16.2740, -13.4420

Conversions

Conversions Part 2

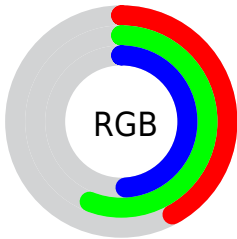
Format	Color
R_{YB}	107, 131, 144
Decimal	7049342
CIE _{Lab}	56.66, -16.79, 5.42
CIE _{LCh}	57, 17.639, 162.119
Y _{xy}	24.5787, 0.2920, 0.3624
Android (android.graphics.Color)	4285239422 (0xFF6B907E)
YUV	130.8850, -2.4083, -20.9471
Hunter-Lab	49.5769, -15.4610, 6.6726

Details

The XYZ color **19.8026, 24.5787, 23.4391** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.4619, 17.9260, 21.7848**, and the grayscale version is **21.5454, 22.6674, 24.6848**.

A 20% lighter version of the original color is **42.6288, 51.0138, 50.2477**, and **6.9988, 9.2641, 8.4404** is the 20% darker color. If you saturate the color by 10%, you get **17.7771, 23.5856, 21.0667**, and if you desaturate by 10%, it is **22.1495, 25.7351, 25.9929**.

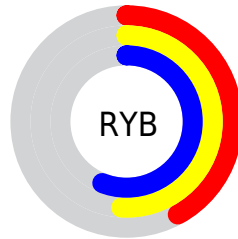
Distribution



Red (42%)

Green (56%)

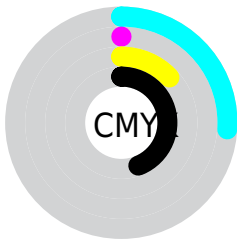
Blue (49%)



Red (42%)

Yellow (51%)

Blue (56%)

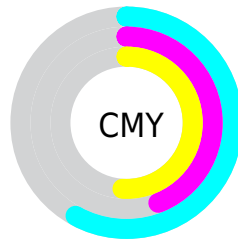


Cyan (26%)

Magenta (0%)

Yellow (13%)

Black (44%)



Cyan (58%)

Magenta (44%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8026, 24.5787, 23.4391 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 19.8026, 24.5787, 23.4391 by changing the saturation by 10% instead.

■ 19.8026, 24.5787,
23.4391

■ 19.8026, 24.5787,
23.4391

243.6984,
275.7333, 283.1670

■ 12.3591, 15.7635,
14.7097

■ 42.5925, 50.9729,
50.0456

■ 7.0626, 9.3569,
8.4716

■ 58.6695, 69.3207,
68.7599

■ 3.5480, 4.9747,
4.3061

■ 78.3550, 91.6147,
91.6395

■ 1.4497, 2.2324,
1.7947

■ 102.0145,
118.2395, 119.1030

■ 0.2912, 0.7376,
0.4245

130.0132,
149.5793, 151.5690

■ 0.0000, 0.0000,
0.0000

162.7166,

186.0186, 189.4559

200.4898,
227.9418, 233.1824

■ 19.8026, 24.5787,
23.4391

■ 19.8026, 24.5787,
23.4391

■ 17.7771, 23.5856,
21.0667

■ 22.1495, 25.7351,
25.9929

■ 16.0561, 22.7452,
18.8701

■ 24.8296, 27.0590,
28.7303

■ 14.6241, 22.0503,
16.8454

■ 27.8567, 28.5579,
31.6557

■ 13.4633, 21.4918,
14.9883

■ 31.2431, 30.2382,
34.7727

■ 12.5539, 21.0596,
13.2942

■ 35.0006, 32.1058,
38.0850

■ 11.8734, 20.7421,
11.7581

■ 39.1404, 34.1665,
41.5959

■ 11.3894, 20.5227,
10.3746

■ 43.6731, 36.4257,
45.3088

■ 11.2078, 20.4411,
9.8233

■ 48.6091, 38.8887,
49.2270

■ 53.9581, 41.5605,
53.3537

Harmonies

Analogous

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



20.8128, 24.5787, 19.2223



19.8026, 24.5787, 23.4391



19.7108, 24.5787, 29.2062

Triad

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



19.8026, 24.5787, 23.4391



24.1998, 24.5787, 39.4056



26.4131, 24.5787, 19.8739

Complementary

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



19.8026, 24.5787, 23.4391



20.4619, 17.9260, 21.7848

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.



27.4369, 24.5787, 24.4582



19.8026, 24.5787, 23.4391



26.1098, 24.5787, 36.0531

Square

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



19.8026, 24.5787, 23.4391



22.1702, 24.5787, 39.0262



27.3227, 24.5787, 30.3850



24.5943, 24.5787, 17.3810

Rectangle

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



19.8026, 24.5787, 23.4391



20.1753, 24.5787, 33.2335



27.3227, 24.5787, 30.3850



26.8663, 24.5787, 21.1904

Sweetspot

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



19.8033, 24.5797, 23.4397



42.5684, 47.1188, 49.4486



21.1586, 25.4069, 17.6992



9.6077, 10.7292, 11.1839



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.8033, 24.5797, 23.4397



32.7375, 42.2759, 38.8161



21.0716, 25.0870, 30.1185



5.4512, 6.0727, 6.3419



9.7715, 17.8045, 8.6166



0.1046, 0.1747, 0.1410

Inverse Universe

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



20.4619, 17.9260, 21.7848



34.1081, 28.4301, 35.3732



19.4139, 17.5069, 16.2663



5.5113, 5.4651, 6.1907



10.9919, 5.5538, 5.6088



0.1161, 0.0575, 0.1119

Previews

White Background



This preview shows how the XYZ color 19.8026, 24.5787, 23.4391 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 19.8026, 24.5787, 23.4391 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 19.8026, 24.5787, 23.4391

Background



This preview shows how black text looks on a background with the XYZ color 19.8026, 24.5787, 23.4391.



This preview shows how white text looks on a background with the XYZ color 19.8026, 24.5787,

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

19.8026, 24.5787, 23.4391

Protanopia

23.0997, 24.3711, 21.5758

Deuteranopia

24.8412, 24.3969, 24.1687



Tritanopia

21.7277, 24.4679, 33.2834

Trichromacy



Original Color

19.8026, 24.5787, 23.4391

Protanomaly

21.7169, 24.2741, 22.2797

Deuteranomaly

22.6921, 24.3177, 23.9199

Tritanomaly

20.9132, 24.3479, 29.5840

Monochromacy



Original Color

19.8026, 24.5787, 23.4391

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.7926, 23.3309, 24.1763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8026, 24.5787, 23.4391 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(107, 144, 126)` looks like.

```
.text, #text, p{  
    color:rgb(107, 144, 126)  
}
```

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(107, 144, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 144, 126) }
```

Border

The CSS property to change the border of an element to XYZ 19.8026, 24.5787, 23.4391 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(107, 144, 126) }
```


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

```
.border{ border-color:rgb(107, 144, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 144, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 144, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 144, 126);  
box-shadow:4px 4px 4px 4px rgb(107, 144,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8026, 24.5787, 23.4391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 144, 126) }
```

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

```
.background{ background-color: rgb(107,  
144, 126) }
```

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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