

Converting Colors

XYZ(24.8490, 31.9300, 33.4194)

Have a look what the booklet for
XYZ(24.8490, 31.9300, 33.4194)
contains.

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Color

**XYZ(24.7637, 31.8466,
33.2756)**

Conversions

Conversions Part 1

Format	Color
Hex	6BA495
RGB	107, 164, 149
RGB Percent	42%, 64%, 58%
CMY	0.5804, 0.3569, 0.4157
CMYK	0.35, 0.00, 0.09, 0.36
HSL	164°, 24%, 53%
HSV	164°, 35%, 64%
XYZ	24.7637, 31.8466, 33.2756
YIQ	145.2470, -29.1570, -16.7490

Conversions

Conversions Part 2

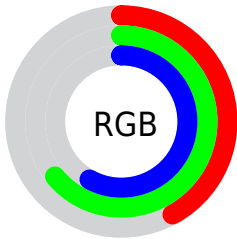
Format	Color
RYB	107, 140, 164
Decimal	7054485
CIELab	63.22, -22.10, 1.86
CIElCh	63, 22.180, 175.181
Yxy	31.8466, 0.2755, 0.3543
Android (android.graphics.Color)	4285244565 (0xFF6BA495)
YUV	145.2470, 1.8502, -33.5426
Hunter-Lab	56.4328, -20.4285, 4.5426

Details

The XYZ color **24.7637, 31.8466, 33.2756** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.0815, 19.8140, 20.9689**, and the grayscale version is **27.0160, 28.4229, 30.9526**.

A 20% lighter version of the original color is **50.6082, 62.4484, 65.8863**, and **9.6297, 13.3109, 13.6170** is the 20% darker color. If you saturate the color by 10%, you get **22.6378, 30.7906, 31.4109**, and if you desaturate by 10%, it is **27.2781, 33.1031, 35.2265**.

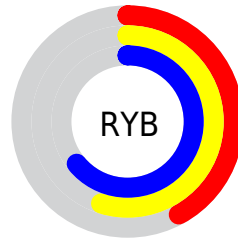
Distribution



Red (42%)

Green (64%)

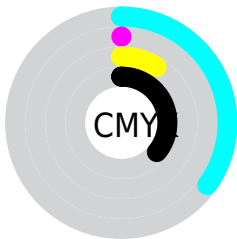
Blue (58%)



Red (42%)

Yellow (55%)

Blue (64%)

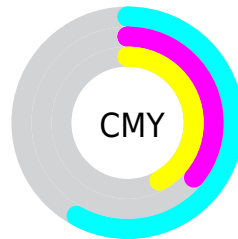


Cyan (35%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (58%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7637, 31.8466, 33.2756 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 24.7637, 31.8466, 33.2756 by changing the saturation by 10% instead.

■ 24.7637, 31.8466,
33.2756

■ 24.7637, 31.8466,
33.2756

269.0285,
310.4199, 331.5598

■ 16.0289, 21.2444,
22.0648

■ 50.7193, 62.5705,
65.9265

■ 9.6356, 13.3027,
13.7058

■ 68.6707, 83.4610,
88.2038

■ 5.2184, 7.6373,
7.7799

■ 90.4251, 108.5497,
115.0069

■ 2.4120, 3.8638,
3.8687

■ 116.3478,
138.2210, 146.7544

■ 0.8511, 1.5977,
1.5536

146.8041,
172.8592, 183.8650

■ 0.0000, 0.3560,
0.2574

182.1595,

■ 0.0000, 0.0000,

212.8489, 226.7570

0.0000

222.7791,
258.5743, 275.8491

■ 24.7637, 31.8466,
33.2756

■ 24.7637, 31.8466,
33.2756

■ 22.6378, 30.7906,
31.4109

■ 27.2781, 33.1031,
35.2265

■ 20.8765, 29.9202,
29.6286

■ 30.1981, 34.5664,
37.2631

■ 19.4570, 29.2246,
27.9275

■ 33.5428, 36.2471,
39.3877

■ 18.3533, 28.6904,
26.3057

■ 37.3295, 38.1541,
41.6017

■ 17.5351, 28.3019,
24.7610

■ 41.5742, 40.2957,
43.9066

■ 16.9653, 28.0401,
23.2910

■ 46.2924, 42.6799,
46.3037

■ 16.7174, 27.9285,
22.5474

■ 51.4988, 45.3141,
48.7944

■ 57.2074, 48.2057,
51.3799

■ 63.4316, 51.3614,
54.0617

Harmonies

Analogous

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



25.6803, 31.8466, 25.8965



24.7637, 31.8466, 33.2756



25.2388, 31.8466, 42.3713

Triad

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



24.7637, 31.8466, 33.2756



32.8490, 31.8466, 52.3202



33.7638, 31.8466, 22.5736

Complementary

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



24.7637, 31.8466, 33.2756



24.0815, 19.8140, 20.9689

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.



35.9273, 31.8466, 27.9730



24.7637, 31.8466, 33.2756



35.3746, 31.8466, 45.2434

Square

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



24.7637, 31.8466, 33.2756



29.7764, 31.8466, 54.3800



36.5357, 31.8466, 36.1142



30.7675, 31.8466, 20.4191

Rectangle

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



24.7637, 31.8466, 33.2756



26.2989, 31.8466, 48.0919



36.5357, 31.8466, 36.1142



34.6203, 31.8466, 24.0199

Sweetspot

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



24.7646, 31.8479, 33.2763



57.4880, 64.0848, 69.3777



23.9847, 31.7659, 18.7779



12.3941, 13.9228, 15.0557



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.7646, 31.8479, 33.2763



41.7951, 56.2377, 57.6675



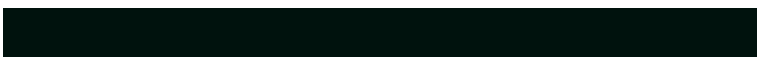
23.7836, 27.8441, 39.2443



7.1961, 7.9793, 8.6446



12.8379, 21.4215, 17.3946



0.2875, 0.4572, 0.4590

Inverse Universe

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



24.0815, 19.8140, 20.9689



40.3657, 30.9362, 31.8247



24.7173, 22.4603, 16.9431



7.1468, 7.1152, 7.7592



12.0928, 6.1932, 2.4133



0.2724, 0.1375, 0.1471

Previews

White Background



This preview shows how the XYZ color 24.7637, 31.8466, 33.2756 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 24.7637, 31.8466, 33.2756 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 ✓ Pass

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

XYZ 24.7637, 31.8466, 33.2756

Background



This preview shows how black text looks on a background with the XYZ color 24.7637, 31.8466, 33.2756.

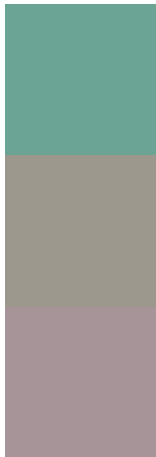


This preview shows how white text looks on a background with the XYZ color 24.7637, 31.8466,

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

24.7637, 31.8466, 33.2756

Protanopia

30.0153, 31.5776, 30.1043

Deuteranopia

32.1938, 31.6623, 34.1204



Tritanopia

26.9237, 31.6695, 44.2289

Trichromacy



Original Color

24.7637, 31.8466, 33.2756

Protanomaly

27.6468, 31.3102, 31.3744

Deuteranomaly

28.8186, 31.3653, 33.8134

Tritanomaly

26.0013, 31.5496, 39.8412

Monochromacy



Original Color

24.7637, 31.8466, 33.2756

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.7766, 29.3571, 31.5020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7637, 31.8466, 33.2756 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, 164, 149)` looks like.

```
.text, #text, p{  
    color:rgb(107, 164, 149)  
}
```

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, 164, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 164, 149) }
```

Border

The CSS property to change the border of an element to XYZ 24.7637, 31.8466, 33.2756 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, 164, 149) }
```


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

```
.border{ border-color:rgb(107, 164, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 164, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 164, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 164, 149); box-shadow:4px 4px 4px 4px rgb(107, 164, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7637, 31.8466, 33.2756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 164, 149) }
```

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

```
.background{ background-color: rgb(107,  
164, 149) }
```

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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