

Converting Colors

XYZ(19.9762, 25.4102, 31.4556)

Have a look what the booklet for
XYZ(19.9762, 25.4102, 31.4556)
contains.

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Color

**XYZ(19.9762, 25.4102,
31.4556)**

Conversions

Conversions Part 1

Format	Color
Hex	599493
RGB	89, 148, 147
RGB Percent	35%, 58%, 58%
CMY	0.6510, 0.4196, 0.4235
CMYK	0.40, 0.00, 0.01, 0.42
HSL	179°, 25%, 46%
HSV	179°, 40%, 58%
XYZ	19.9762, 25.4102, 31.4556
YIQ	130.2450, -34.8430, -12.8190

Conversions

Conversions Part 2

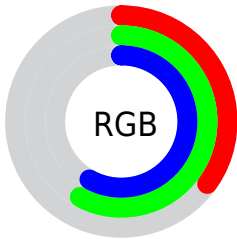
Format	Color
R_{YB}	89, 119, 148
Decimal	5870739
CIE _{Lab}	57.47, -19.42, -5.54
CIE _{LCh}	57, 20.190, 195.914
Y _{xy}	25.4102, 0.2600, 0.3307
Android (android.graphics.Color)	4284060819 (0xFF599493)
Y _{UV}	130.2450, 8.2602, -36.1719
Hunter-Lab	50.4085, -17.4779, -1.7118

Details

The XYZ color **19.9762, 25.4102, 31.4556** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.6315, 14.1796, 11.4815**, and the grayscale version is **21.2859, 22.3945, 24.3876**.

A 20% lighter version of the original color is **42.8185, 52.2089, 63.0789**, and **7.1599, 9.7875, 12.8211** is the 20% darker color. If you saturate the color by 10%, you get **18.6768, 24.7432, 31.2926**, and if you desaturate by 10%, it is **21.5627, 26.2264, 31.6334**.

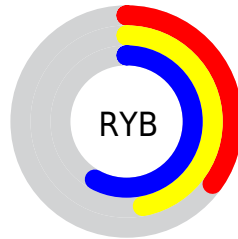
Distribution



Red (35%)

Green (58%)

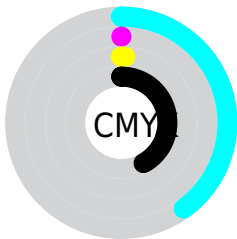
Blue (58%)



Red (35%)

Yellow (47%)

Blue (58%)

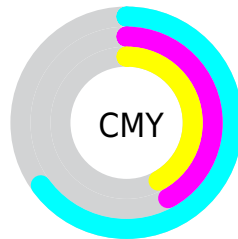


Cyan (40%)

Magenta (0%)

Yellow (1%)

Black (42%)



Cyan (65%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9762, 25.4102, 31.4556 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 19.9762, 25.4102, 31.4556 by changing the saturation by 10% instead.

■ 19.9762, 25.4102,
31.4556

■ 19.9762, 25.4102,
31.4556

244.6223,
279.8746, 323.0478

■ 12.4859, 16.3829,
20.6847

■ 42.8815, 52.3219,
63.0446

■ 7.1501, 9.7955,
12.7047

■ 59.0273, 70.9751,
84.6998

■ 3.6033, 5.2636,
7.0972

■ 78.7889, 93.6058,
110.8201

■ 1.4802, 2.4027,
3.4436

■ 102.5317,
120.5983, 141.8241

■ 0.3123, 0.8273,
1.3254

130.6211,
152.3371, 178.1303

■ 0.0000, 0.0000,
0.0824

163.4224,

■ 0.0000, 0.0000,

189.2064, 220.1573

0.0000

201.3010,
231.5908, 268.3236

■ 19.9762, 25.4102,
31.4556

■ 19.9762, 25.4102,
31.4556

■ 18.6768, 24.7432,
31.2926

■ 21.5627, 26.2264,
31.6334

■ 17.6451, 24.2136,
31.1417

■ 23.4498, 27.1970,
31.8250

■ 16.8627, 23.8125,
31.0027

■ 25.6529, 28.3304,
32.0316

■ 16.3080, 23.5288,
30.8747

■ 28.1857, 29.6338,
32.2538

■ 15.9558, 23.3496,
30.7563

■ 31.0611, 31.1138,
32.4923

■ 15.7418, 23.2415,
30.6446

■ 34.2912, 32.7767,
32.7476

■ 15.7391, 23.2401,
30.6431

■ 37.8876, 34.6284,
33.0203

■ 41.8614, 36.6747,
33.3108

■ 46.2231, 38.9209,
33.6198

Harmonies

Analogous

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



19.9426, 25.4102, 24.5710



19.9762, 25.4102, 31.4556



21.0783, 25.4102, 38.2993

Triad

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



19.9762, 25.4102, 31.4556



27.6239, 25.4102, 37.9298



25.2934, 25.4102, 16.7174

Complementary

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



19.9762, 25.4102, 31.4556



17.6315, 14.1796, 11.4815

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.



27.5101, 25.4102, 19.2113



19.9762, 25.4102, 31.4556



28.9148, 25.4102, 31.0136

Square

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



19.9762, 25.4102, 31.4556



25.4405, 25.4102, 42.4392



28.8718, 25.4102, 24.1962



22.9071, 25.4102, 16.7956

Rectangle

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



19.9762, 25.4102, 31.4556



22.3151, 25.4102, 41.5874



28.8718, 25.4102, 24.1962



26.0863, 25.4102, 17.2621

Sweetspot

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



19.9769, 25.4112, 31.4562



44.2864, 49.4840, 56.4270



16.7050, 24.1245, 13.2279



10.0046, 11.2421, 12.8713



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.



19.9769, 25.4112, 31.4562



33.1409, 43.7531, 55.2373



16.2387, 17.8083, 30.5995



5.9599, 6.5606, 7.3998



13.4443, 19.8505, 26.1788



0.1656, 0.2434, 0.3262

Inverse Universe

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



17.6315, 14.1796, 11.4815



28.4027, 21.0577, 14.8815



20.3239, 19.6322, 12.1700



5.8045, 5.8169, 6.0769



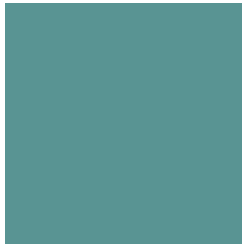
10.4445, 5.3828, 0.5556



0.1286, 0.0662, 0.0110

Previews

White Background



This preview shows how the XYZ color 19.9762, 25.4102, 31.4556 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 19.9762, 25.4102, 31.4556 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 19.9762, 25.4102, 31.4556

Background



This preview shows how black text looks on a background with the XYZ color 19.9762, 25.4102, 31.4556.

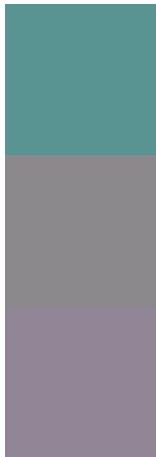


This preview shows how white text looks on a background with the XYZ color 19.9762, 25.4102,

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

19.9762, 25.4102, 31.4556

Protanopia

24.3267, 25.2737, 28.4071

Deuteranopia

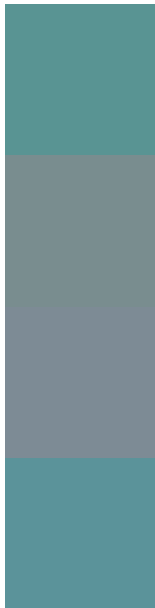
25.7072, 25.2719, 32.3772



Tritanopia

20.8641, 25.3017, 36.1318

Trichromacy



Original Color

19.9762, 25.4102, 31.4556

Protanomaly

22.3680, 25.0979, 29.6521

Deuteranomaly

23.1149, 24.9951, 32.0400

Tritanomaly

20.5808, 25.4247, 34.3946

Monochromacy



Original Color

19.9762, 25.4102, 31.4556

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.4598, 23.3137, 26.7142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9762, 25.4102, 31.4556 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(89, 148, 147)` looks like.

```
.text, #text, p{  
    color:rgb(89, 148, 147)  
}
```

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(89, 148, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 148, 147) }
```

Border

The CSS property to change the border of an element to XYZ 19.9762, 25.4102, 31.4556 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(89, 148, 147) }
```


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

```
.border{ border-color:rgb(89, 148, 147) }
```

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

Here you see how a box with a 4 pixel rgb(89, 148, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 148, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 148, 147);  
box-shadow:4px 4px 4px 4px rgb(89, 148,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9762, 25.4102, 31.4556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 148, 147) }
```

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

```
.background{ background-color: rgb(89, 148,  
147) }
```

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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