

Converting Colors

XYZ(25.1741, 31.8462, 41.0522)

Have a look what the booklet for
XYZ(25.1741, 31.8462, 41.0522)
contains.

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Color

**XYZ(25.1954, 31.9008,
40.9059)**

Conversions

Conversions Part 1

Format	Color
Hex	62A4A6
RGB	98, 164, 166
RGB Percent	38%, 64%, 65%
CMY	0.6157, 0.3569, 0.3490
CMYK	0.41, 0.01, 0.00, 0.35
HSL	182°, 28%, 52%
HSV	182°, 41%, 65%
XYZ	25.1954, 31.9008, 40.9059
YIQ	144.4940, -39.9780, -13.3700

Conversions

Conversions Part 2

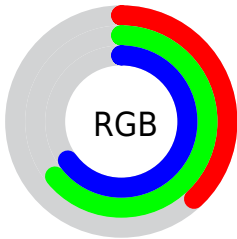
Format	Color
RYB	98, 131, 166
Decimal	6464678
CIELab	63.26, -20.45, -7.66
CIElCh	63, 21.836, 200.526
Yxy	31.9008, 0.2571, 0.3255
Android (android.graphics.Color)	4284654758 (0xFF62A4A6)
YUV	144.4940, 10.6025, -40.7752
Hunter-Lab	56.4808, -19.2147, -3.4039

Details

The XYZ color **25.1954, 31.9008, 40.9059** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.4881, 18.1035, 13.8651**, and the grayscale version is **26.6794, 28.0688, 30.5670**.

A 20% lighter version of the original color is **51.3316, 62.5589, 77.7762**, and **9.8701, 13.3387, 17.9740** is the 20% darker color. If you saturate the color by 10%, you get **23.4999, 30.8981, 40.8023**, and if you desaturate by 10%, it is **27.2646, 33.0981, 41.0285**.

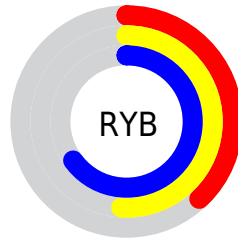
Distribution



Red (38%)

Green (64%)

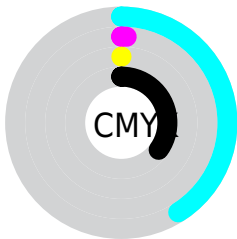
Blue (65%)



Red (38%)

Yellow (51%)

Blue (65%)

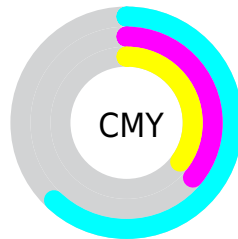


Cyan (41%)

Magenta (1%)

Yellow (0%)

Black (35%)



Cyan (62%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1954, 31.9008, 40.9059 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 25.1954, 31.9008, 40.9059 by changing the saturation by 10% instead.

■ 25.1954, 31.9008,
40.9059

■ 25.1954, 31.9008,
40.9059

271.1394,
310.6671, 365.5922

■ 16.3522, 21.2857,
27.9264

■ 51.4147, 62.6555,
77.7931

■ 9.8661, 13.3330,
18.0316

■ 69.5214, 83.5640,
102.5380

■ 5.3719, 7.6583,
10.8030

■ 91.4468, 108.6724,
132.0417

■ 2.5041, 3.8771,
5.8220

■ 117.5560,
138.3651, 166.7228

■ 0.8973, 1.6050,
2.6701

148.2145,
173.0266, 206.9999

■ 0.0000, 0.3610,
0.9283

183.7877,

■ 0.0000, 0.0000,

213.0411, 253.2914

0.0000

224.6409,
258.7932, 306.0160

■ 25.1954, 31.9008,
40.9059

■ 25.1954, 31.9008,
40.9059

■ 23.4999, 30.8981,
40.8023

■ 27.2646, 33.0981,
41.0285

■ 22.1520, 30.0745,
40.7143

■ 29.7259, 34.4973,
41.1688

■ 21.1271, 29.4178,
40.6416

■ 32.5996, 36.1096,
41.3286

■ 20.3959, 28.9129,
40.5827

■ 35.9041, 37.9445,
41.5086

■ 19.9238, 28.5422,
40.5360

■ 39.6566, 40.0108,
41.7096

■ 19.6495, 28.2861,
40.5010

■ 43.8732, 42.3168,
41.9325

■ 48.5694, 44.8707,
42.1779

■ 53.7599, 47.6798,
42.4466

■ 59.4587, 50.7515,
42.7391

Harmonies

Analogous

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



24.9401, 31.9008, 32.0653



25.1954, 31.9008, 40.9059



26.7729, 31.9008, 49.2377

Triad

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



25.1954, 31.9008, 40.9059



35.0336, 31.9008, 46.4314



31.2878, 31.9008, 20.7637

Complementary

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



25.1954, 31.9008, 40.9059



22.4881, 18.1035, 13.8651

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.



34.1690, 31.9008, 23.4020



25.1954, 31.9008, 40.9059



36.4244, 31.9008, 37.5480

Square

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



25.1954, 31.9008, 40.9059



32.4053, 31.9008, 52.7778



36.0979, 31.9008, 29.2174



28.3276, 31.9008, 21.3582

Rectangle

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



25.1954, 31.9008, 40.9059



28.4235, 31.9008, 52.9161



36.0979, 31.9008, 29.2174



32.3006, 31.9008, 21.2827

Sweetspot

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



25.1963, 31.9021, 40.9066



58.4646, 65.1439, 74.9679



20.9324, 30.7731, 16.6751



12.9322, 14.4935, 16.7681



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.1963, 31.9021, 40.9066



42.9428, 56.2523, 74.0697



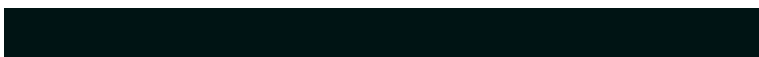
20.0190, 21.5474, 39.1809



7.7284, 8.4937, 9.6505



15.2432, 21.9467, 31.4082



0.3765, 0.5452, 0.7660

Inverse Universe

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



26.7952, 19.5235, 37.4795



46.2659, 30.8188, 66.8805



26.3369, 25.8011, 15.1480



7.8322, 7.6628, 9.4338



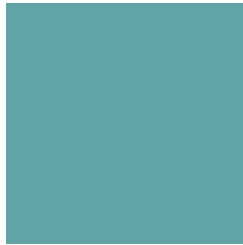
17.1947, 8.2866, 26.9004



0.4212, 0.2028, 0.6695

Previews

White Background



This preview shows how the XYZ color 25.1954, 31.9008, 40.9059 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 25.1954, 31.9008, 40.9059 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

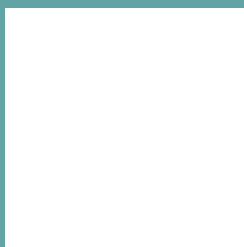
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.1954, 31.9008, 40.9059

Background



This preview shows how black text looks on a background with the XYZ color 25.1954, 31.9008, 40.9059.

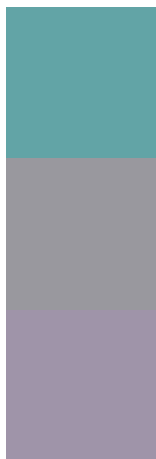


This preview shows how white text looks on a background with the XYZ color 25.1954, 31.9008,

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

25.1954, 31.9008, 40.9059

Protanopia

30.5367, 31.6974, 36.8565

Deuteranopia

32.0494, 31.4153, 41.9107



Tritanopia

26.3005, 32.0957, 45.8832

Trichromacy



Original Color

25.1954, 31.9008, 40.9059

Protanomaly

27.9944, 31.3367, 38.2913

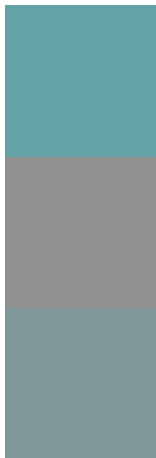
Deuteranomaly

28.9400, 31.2567, 41.5536

Tritanomaly

25.7991, 31.8823, 43.8239

Monochromacy



Original Color

25.1954, 31.9008, 40.9059

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.4865, 28.9122, 33.9431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1954, 31.9008, 40.9059 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(98, 164, 166)` looks like.

```
.text, #text, p{  
    color:rgb(98, 164, 166)  
}
```

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(98, 164, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 164, 166) }
```

Border

The CSS property to change the border of an element to XYZ 25.1954, 31.9008, 40.9059 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(98, 164, 166) }
```


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

```
.border{ border-color:rgb(98, 164, 166) }
```

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

Here you see how a box with a 4 pixel rgb(98, 164, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 164, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 164, 166);  
box-shadow:4px 4px 4px 4px rgb(98, 164,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1954, 31.9008, 40.9059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 164, 166) }
```

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

```
.background{ background-color: rgb(98, 164,  
166) }
```

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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