

Converting Colors

XYZ(25.7975, 32.2253, 39.9829)

Have a look what the booklet for
XYZ(25.7975, 32.2253, 39.9829)
contains.

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Color

**XYZ(25.8020, 32.2345,
39.9839)**

Conversions

Conversions Part 1

Format	Color
Hex	69A4A4
RGB	105, 164, 164
RGB Percent	41%, 64%, 64%
CMY	0.5882, 0.3569, 0.3569
CMYK	0.36, 0.00, 0.00, 0.36
HSL	180°, 24%, 53%
HSV	180°, 36%, 64%
XYZ	25.8020, 32.2345, 39.9839
YIQ	146.3590, -35.1640, -12.5080

Conversions

Conversions Part 2

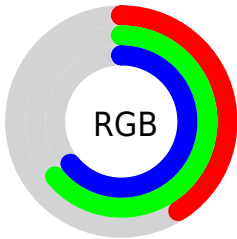
Format	Color
RYB	105, 135, 164
Decimal	6923428
CIELab	63.54, -19.08, -6.09
CIElCh	64, 20.028, 197.700
Yxy	32.2345, 0.2632, 0.3289
Android (android.graphics.Color)	4285113508 (0xFF69A4A4)
YUV	146.3590, 8.6970, -36.2718
Hunter-Lab	56.7754, -18.2364, -2.0120

Details

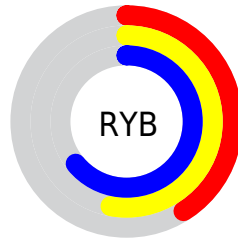
The XYZ color **25.8020, 32.2345, 39.9839** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.9123, 19.0166, 15.8288**, and the grayscale version is **27.4454, 28.8747, 31.4446**.

A 20% lighter version of the original color is **52.4158, 63.1484, 76.4441**, and **10.1870, 13.5151, 17.4010** is the 20% darker color. If you saturate the color by 10%, you get **24.0587, 31.3366, 39.9028**, and if you desaturate by 10%, it is **27.9187, 33.3265, 40.0839**.

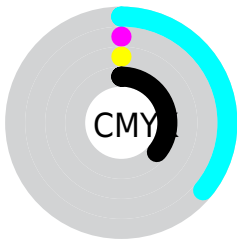
Distribution



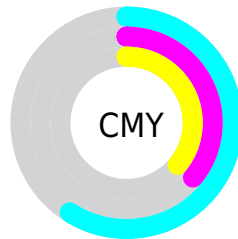
- Red (41%)
- Green (64%)
- Blue (64%)



- Red (41%)
- Yellow (53%)
- Blue (64%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (36%)





- Cyan (59%)
- Magenta (36%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8020, 32.2345, 39.9839 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 25.8020, 32.2345, 39.9839 by changing the saturation by 10% instead.


 25.8020, 32.2345,
39.9839


 25.8020, 32.2345,
39.9839


274.0833,
312.1861, 361.6058


 16.8075, 21.5407,
27.2123


 52.3889, 63.1785,
76.3758


 10.1918, 13.5198,
17.4989


 70.7121, 84.1975,
100.8332

 5.5895, 7.7874,
10.4251


 92.8754, 109.4270,
130.0230

 2.6354, 3.9592,
5.5724

 119.2444,
139.2515, 164.3636

 0.9640, 1.6508,
2.5223

150.1843,
174.0552, 204.2736

 0.0000, 0.3915,
0.8520

186.0605,

 0.0000, 0.0000,

214.2226, 250.1717

0.0000

227.2384,
260.1381, 302.4762

■ 25.8020, 32.2345,
39.9839

■ 25.8020, 32.2345,
39.9839

■ 24.0587, 31.3366,
39.9028

■ 27.9187, 33.3265,
40.0839

■ 22.6644, 30.6178,
39.8373

■ 30.4257, 34.6189,
40.2015

■ 21.5966, 30.0674,
39.7871

■ 33.3423, 36.1224,
40.3382

■ 20.8287, 29.6715,
39.7509

■ 36.6856, 37.8459,
40.4949

■ 20.3301, 29.4144,
39.7273

■ 40.4717, 39.7978,
40.6724

■ 20.0593, 29.2748,
39.7144

■ 44.7161, 41.9858,
40.8712

■ 19.9766, 29.2322,
39.7104

■ 49.4334, 44.4177,
41.0922

■ 54.6375, 47.1005,
41.3360

■ 60.3419, 50.0412,
41.6032

Harmonies

Analogous

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



25.6854, 32.2345, 31.9228



25.8020, 32.2345, 39.9839



27.1644, 32.2345, 47.7447

Triad

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



25.8020, 32.2345, 39.9839



34.7834, 32.2345, 46.4980



31.7961, 32.2345, 22.1150

Complementary

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



25.8020, 32.2345, 39.9839



22.9123, 19.0166, 15.8288

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.



34.3956, 32.2345, 24.9084



25.8020, 32.2345, 39.9839



36.1893, 32.2345, 38.4769

Square

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



25.8020, 32.2345, 39.9839



32.2996, 32.2345, 51.8806



36.0432, 32.2345, 30.6271



29.0343, 32.2345, 22.3917

Rectangle

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



25.8020, 32.2345, 39.9839



28.6452, 32.2345, 51.3347



36.0432, 32.2345, 30.6271



32.7209, 32.2345, 22.7061

Sweetspot

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



25.8030, 32.2358, 39.9846



57.6552, 64.0891, 73.0835



21.7681, 30.6353, 18.1312



12.4594, 13.9363, 15.9707



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.



25.8030, 32.2358, 39.9846



44.2994, 57.2040, 72.4570



21.2591, 23.1478, 38.4709



7.2761, 8.0113, 9.0659



15.3165, 22.4129, 30.4468



0.3218, 0.4709, 0.6398

Inverse Universe

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



22.9123, 19.0166, 15.8288



38.2799, 29.6760, 22.1543



26.3192, 25.8305, 16.9640



7.0738, 7.0860, 7.3750



11.7389, 6.0516, 0.5495



0.2467, 0.1272, 0.0116

Previews

White Background



This preview shows how the XYZ color 25.8020, 32.2345, 39.9839 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 25.8020, 32.2345, 39.9839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

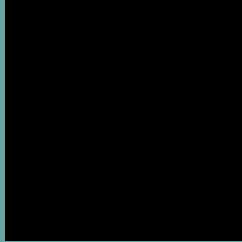
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.8020, 32.2345, 39.9839

Background



This preview shows how black text looks on a background with the XYZ color 25.8020, 32.2345, 39.9839.

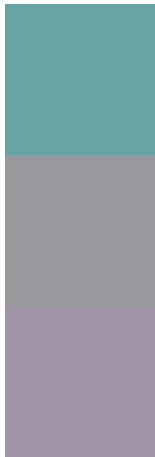


This preview shows how white text looks on a background with the XYZ color 25.8020, 32.2345,

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

25.8020, 32.2345, 39.9839

Protanopia

30.8316, 31.8594, 36.4228

Deuteranopia

32.6228, 31.9663, 41.0099



Tritanopia

26.8425, 32.1240, 45.3432

Trichromacy



Original Color

25.8020, 32.2345, 39.9839

Protanomaly

28.5502, 31.6334, 37.8588

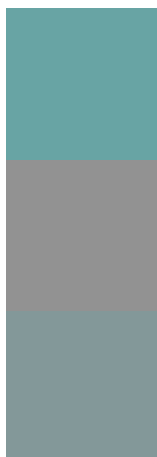
Deuteranomaly

29.4230, 31.5271, 40.6110

Tritanomaly

26.5113, 32.2605, 43.3577

Monochromacy



Original Color

25.8020, 32.2345, 39.9839

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.5011, 29.9077, 34.5130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8020, 32.2345, 39.9839 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(105, 164, 164)` looks like.

```
.text, #text, p{  
    color:rgb(105, 164, 164)  
}
```

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(105, 164, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 164, 164) }
```

Border

The CSS property to change the border of an element to XYZ 25.8020, 32.2345, 39.9839 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(105, 164, 164) }
```


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

```
.border{ border-color:rgb(105, 164, 164) }
```

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

Here you see how a box with a 4 pixel rgb(105, 164, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 164, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 164, 164);  
box-shadow:4px 4px 4px 4px rgb(105, 164,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8020, 32.2345, 39.9839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 164, 164) }
```

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

```
.background{ background-color: rgb(105,  
164, 164) }
```

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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