

Converting Colors

XYZ(25.4017, 32.5443, 40.9913)

Have a look what the booklet for
XYZ(25.4017, 32.5443, 40.9913)
contains.

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Color

**XYZ(25.4489, 32.5670,
41.0212)**

Conversions

Conversions Part 1

Format	Color
Hex	61A6A6
RGB	97, 166, 166
RGB Percent	38%, 65%, 65%
CMY	0.6196, 0.3490, 0.3490
CMYK	0.42, 0.00, 0.00, 0.35
HSL	180°, 28%, 52%
HSV	180°, 42%, 65%
XYZ	25.4489, 32.5670, 41.0212
YIQ	145.3690, -41.1240, -14.6280

Conversions

Conversions Part 2

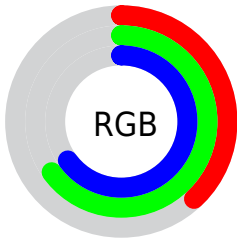
Format	Color
RYB	97, 132, 166
Decimal	6399654
CIELab	63.81, -21.74, -6.85
CIElCh	64, 22.791, 197.484
Yxy	32.5670, 0.2570, 0.3288
Android (android.graphics.Color)	4284589734 (0xFF61A6A6)
YUV	145.3690, 10.1711, -42.4196
Hunter-Lab	57.0675, -20.2672, -2.6715

Details

The XYZ color **25.4489, 32.5670, 41.0212** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.1593, 17.5204, 13.5242**, and the grayscale version is **27.0364, 28.4444, 30.9760**.

A 20% lighter version of the original color is **51.6701, 63.5127, 77.9425**, and **10.0094, 13.7418, 18.0445** is the 20% darker color. If you saturate the color by 10%, you get **23.8621, 31.7498, 40.9475**, and if you desaturate by 10%, it is **27.4077, 33.5776, 41.1138**.

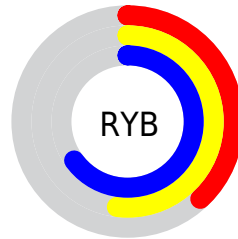
Distribution



Red (38%)

Green (65%)

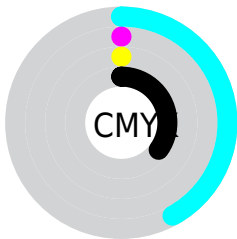
Blue (65%)



Red (38%)

Yellow (52%)

Blue (65%)

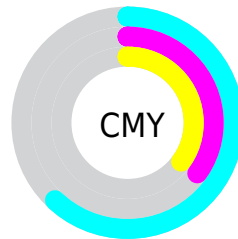


Cyan (42%)

Magenta (0%)

Yellow (0%)

Black (35%)



Cyan (62%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4489, 32.5670, 41.0212 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 25.4489, 32.5670, 41.0212 by changing the saturation by 10% instead.

■ 25.4489, 32.5670,
41.0212

■ 25.4489, 32.5670,
41.0212

272.3728,
313.6941, 366.0885

■ 16.5423, 21.7949,
28.0158

■ 51.8222, 63.6989,
77.9701

■ 10.0020, 13.7063,
18.0984

■ 70.0196, 84.8276,
102.7507

■ 5.4626, 7.9167,
10.8505

■ 92.0448, 110.1772,
132.2935

■ 2.5587, 4.0417,
5.8535

■ 118.2629,
140.1322, 167.0169

■ 0.9249, 1.6969,
2.6889

149.0394,
175.0770, 207.3396

■ 0.0000, 0.4217,
0.9378

184.7396,

■ 0.0000, 0.0000,

215.3960, 253.6801

0.0000

225.7290,
261.4736, 306.4568

■ 25.4489, 32.5670,
41.0212

■ 25.4489, 32.5670,
41.0212

■ 23.8621, 31.7498,
40.9475

■ 27.4077, 33.5776,
41.1138

■ 22.6212, 31.1101,
40.8892

■ 29.7570, 34.7887,
41.2239

■ 21.7013, 30.6358,
40.8459

■ 32.5174, 36.2117,
41.3533

■ 21.0728, 30.3118,
40.8163

■ 35.7071, 37.8560,
41.5028

■ 20.7007, 30.1200,
40.7987

■ 39.3434, 39.7306,
41.6732

■ 20.5196, 30.0267,
40.7901

■ 43.4426, 41.8438,
41.8652

■ 48.0201, 44.2036,
42.0796

■ 53.0907, 46.8176,
42.3171

■ 58.6686, 49.6931,
42.5784

Harmonies

Analogous

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



25.3280, 32.5670, 31.7768



25.4489, 32.5670, 41.0212



26.9796, 32.5670, 50.0971

Triad

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



25.4489, 32.5670, 41.0212



35.7137, 32.5670, 48.7499



32.3065, 32.5670, 20.8904

Complementary

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



25.4489, 32.5670, 41.0212



22.1593, 17.5204, 13.5242

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.



35.3006, 32.5670, 23.9938



25.4489, 32.5670, 41.0212



37.3568, 32.5670, 39.4172

Square

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



25.4489, 32.5670, 41.0212



32.8393, 32.5670, 55.0603



37.2006, 32.5670, 30.4255



29.1422, 32.5670, 21.1694

Rectangle

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



25.4489, 32.5670, 41.0212



28.6572, 32.5670, 54.3538



37.2006, 32.5670, 30.4255



33.3702, 32.5670, 21.5468

Sweetspot

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



25.4499, 32.5683, 41.0220



58.6608, 65.5363, 75.0329



20.8481, 30.7418, 16.1449



12.9805, 14.5902, 16.7841



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.



25.4499, 32.5683, 41.0220



43.4700, 57.7052, 74.3206



20.1533, 21.9750, 39.2572



7.7476, 8.5321, 9.6568



15.9113, 23.2833, 31.6295



0.3871, 0.5665, 0.7696

Inverse Universe

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



22.1593, 17.5204, 13.5242



36.6701, 26.6086, 17.4962



25.9140, 25.0297, 14.7753



7.5311, 7.5423, 7.8482



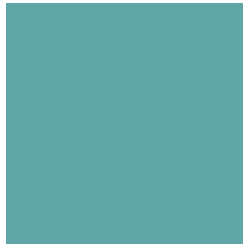
12.1947, 6.2866, 0.5708



0.2967, 0.1530, 0.0139

Previews

White Background



This preview shows how the XYZ color 25.4489, 32.5670, 41.0212 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 25.4489, 32.5670, 41.0212 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 25.4489, 32.5670, 41.0212

Background



This preview shows how black text looks on a background with the XYZ color 25.4489, 32.5670, 41.0212.

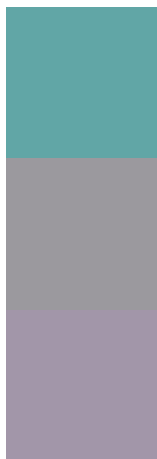


This preview shows how white text looks on a background with the XYZ color 25.4489, 32.5670,

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

25.4489, 32.5670, 41.0212

Protanopia

31.0804, 32.2197, 36.9287

Deuteranopia

32.9681, 32.3586, 42.0444



Tritanopia

26.4668, 32.4346, 46.4605

Trichromacy



Original Color

25.4489, 32.5670, 41.0212

Protanomaly

28.4914, 32.0953, 38.4116

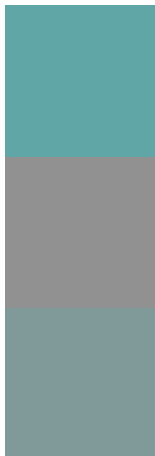
Deuteranomaly

29.4376, 32.0074, 41.6723

Tritanomaly

26.1435, 32.5800, 44.4458

Monochromacy



Original Color

25.4489, 32.5670, 41.0212

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.0431, 29.6716, 34.4916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4489, 32.5670, 41.0212 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(97, 166, 166)` looks like.

```
.text, #text, p{  
    color:rgb(97, 166, 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(97, 166, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 166, 166) }
```

Border

The CSS property to change the border of an element to XYZ 25.4489, 32.5670, 41.0212 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(97, 166, 166) }
```


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

```
.border{ border-color:rgb(97, 166, 166) }
```

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

Here you see how a box with a 4 pixel rgb(97, 166, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 166, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 166, 166);  
box-shadow:4px 4px 4px 4px rgb(97, 166,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4489, 32.5670, 41.0212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 166, 166) }
```

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

```
.background{ background-color: rgb(97, 166,  
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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