

Converting Colors

XYZ(25.5196, 33.4894, 57.9310)

Have a look what the booklet for
XYZ(25.5196, 33.4894, 57.9310)
contains.

XYZ(25.5958, 33.6493, 57.9692)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.5958, 33.6493,
57.9692)**

Conversions

Conversions Part 1

Format	Color
Hex	2AABC5
RGB	42, 171, 197
RGB Percent	16%, 67%, 77%
CMY	0.8352, 0.3294, 0.2274
CMYK	0.79, 0.13, 0.00, 0.23
HSL	190°, 65%, 47%
HSV	190°, 79%, 77%
XYZ	25.5958, 33.6493, 57.9692
YIQ	135.3930, -85.2300, -19.2620

Conversions

Conversions Part 2

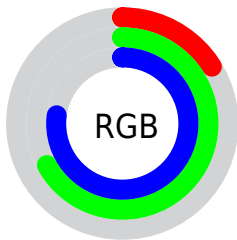
Format	Color
R _Y B	42, 112, 197
Decimal	2796485
CIE Lab	64.68, -24.89, -22.99
CIE LCh	65, 33.881, 222.727
Yxy	33.6493, 0.2184, 0.2871
Android (android.graphics.Color)	4280986565 (0xFF2AABC5)
YUV	135.3930, 30.3723, -81.9057
Hunter-Lab	58.0080, -22.7516, -18.6447

Details

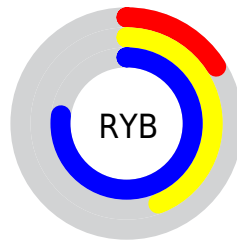
The XYZ color **25.5958, 33.6493, 57.9692** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **25.5122, 16.1733, 3.9688**, and the grayscale version is **23.0902, 24.2927, 26.4547**.

A 20% lighter version of the original color is **52.1685, 65.6046, 103.6793**, and **11.4364, 14.9400, 28.2676** is the 20% darker color. If you saturate the color by 10%, you get **24.3629, 32.0992, 57.7356**, and if you desaturate by 10%, it is **27.2422, 35.4370, 58.2281**.

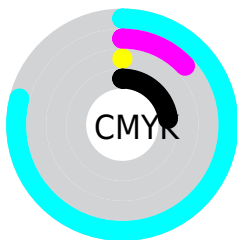
Distribution



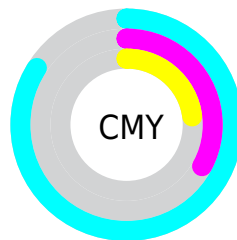
- Red (16%)
- Green (67%)
- Blue (77%)



- Red (16%)
- Yellow (44%)
- Blue (77%)



- Cyan (79%)
- Magenta (13%)
- Yellow (0%)
- Black (23%)



- Cyan (84%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5958, 33.6493, 57.9692 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 25.5958, 33.6493, 57.9692 by changing the saturation by 10% instead.

■ 25.5958, 33.6493,
57.9692

■ 25.5958, 33.6493,
57.9692

273.0854,
318.5655, 434.6662

■ 16.6526, 22.6243,
41.3694

■ 52.0581, 65.3879,
103.3923

■ 10.0809, 14.3164,
28.2859

■ 70.3079, 86.8704,
133.0527

■ 5.5153, 8.3410,
18.3004

■ 92.3907, 112.6074,
167.9037

■ 2.5905, 4.3139,
10.9942

■ 118.6717,
142.9834, 208.3638

■ 0.9411, 1.8507,
5.9488

■ 149.5163,
178.3829, 254.8515

■ 0.0000, 0.5185,
2.7457

185.2899,

■ 0.0000, 0.0000,

219.1901, 307.7855

0.9663

226.3578,
265.7895, 367.5842

■ 0.0000, 0.0000,
0.0000

■ 25.5958, 33.6493,
57.9692

■ 25.5958, 33.6493,
57.9692

■ 24.3629, 32.0992,
57.7356

■ 27.2422, 35.4370,
58.2281

■ 23.4568, 30.7400,
57.5210

■ 29.3502, 37.4854,
58.5124

■ 23.3456, 30.5661,
57.4933

■ 31.9645, 39.8182,
58.8249

■ 35.1236, 42.4555,
59.1675

■ 38.8621, 45.4154,
59.5417

■ 43.2118, 48.7144,
59.9492

■ 48.2022, 52.3677,
60.3914

■ 53.8606, 56.3898,
60.8695

■ 60.2130, 60.7940,
61.3848

Harmonies

Analogous

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



23.7039, 33.6493, 42.8582



25.5958, 33.6493, 57.9692



29.2867, 33.6493, 68.6074

Triad

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



25.5958, 33.6493, 57.9692



41.7646, 33.6493, 45.1757



29.9672, 33.6493, 16.2381

Complementary

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



25.5958, 33.6493, 57.9692



25.5122, 16.1733, 3.9688

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.



34.8392, 33.6493, 16.5597



25.5958, 33.6493, 57.9692



41.9943, 33.6493, 31.0514

Square

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



25.5958, 33.6493, 57.9692



38.7534, 33.6493, 60.0318



39.3523, 33.6493, 21.3108



26.0504, 33.6493, 20.2817

Rectangle

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



25.5958, 33.6493, 57.9692



32.4295, 33.6493, 70.4111



39.3523, 33.6493, 21.3108



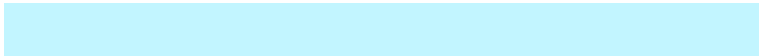
31.5400, 33.6493, 15.8761

Sweetspot

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



25.5969, 33.6505, 57.9700



72.8188, 83.8069, 106.9461



21.9605, 40.8409, 12.1696



15.0047, 17.4927, 22.8355



0.0000, 0.0000, 0.0000



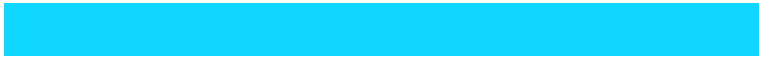
20.3446, 21.4041, 23.3091

Same Dimension

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



25.5969, 33.6505, 57.9700



42.4993, 55.8188, 103.1419



15.0074, 12.4716, 54.4402



10.7895, 11.7530, 13.6174



15.4082, 20.2103, 37.8332



0.7709, 1.0396, 1.8052

Inverse Universe

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



31.2056, 16.4677, 40.0632



53.6540, 26.5058, 66.4378



33.6215, 32.3920, 6.6719



11.0038, 10.7849, 13.0031



19.5767, 9.5802, 24.0444



0.9478, 0.4620, 1.2483

Previews

White Background



This preview shows how the XYZ color 25.5958, 33.6493, 57.9692 looks on a white background.

Color Contrast Check

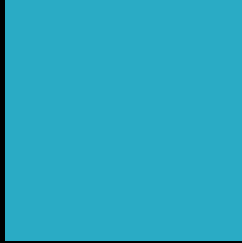
Large Text (above 18pt) WCAG AA × Fail

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 25.5958, 33.6493, 57.9692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

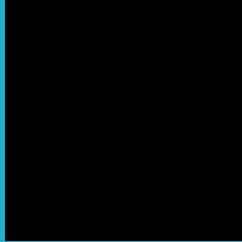
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.5958, 33.6493, 57.9692

Background



This preview shows how black text looks on a background with the XYZ color 25.5958, 33.6493, 57.9692.

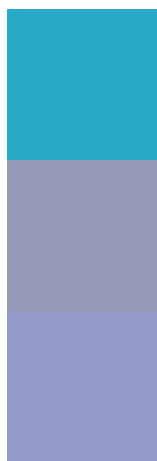


This preview shows how white text looks on a background with the XYZ color 25.5958, 33.6493,

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

25.5958, 33.6493, 57.9692

Protanopia

32.7070, 33.0035, 50.5454

Deuteranopia

33.9665, 33.2026, 59.8768



Tritanopia

24.4783, 33.7663, 52.2411

Trichromacy



Original Color

25.5958, 33.6493, 57.9692



Protanomaly

28.1865, 32.1307, 52.8604



Deuteranomaly

29.3028, 32.5630, 59.3844



Tritanomaly

24.8496, 33.6240, 54.4706

Monochromacy



Original Color

25.5958, 33.6493, 57.9692



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

22.1283, 26.4151, 36.2801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5958, 33.6493, 57.9692 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(42, 171, 197)` looks like.

```
.text, #text, p{  
    color:rgb(42, 171, 197)  
}
```

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(42, 171, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 171, 197) }
```

Border

The CSS property to change the border of an element to XYZ 25.5958, 33.6493, 57.9692 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(42, 171, 197) }
```


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

```
.border{ border-color:rgb(42, 171, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 171, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 171, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 171, 197);  
box-shadow:4px 4px 4px 4px rgb(42, 171,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5958, 33.6493, 57.9692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 171, 197) }
```

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

```
.background{ background-color: rgb(42, 171,  
197) }
```

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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