

Converting Colors

XYZ(22.2400, 32.7028, 58.7139)

Have a look what the booklet for
XYZ(22.2400, 32.7028, 58.7139)
contains.

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Color

**XYZ(25.3291, 34.3493,
58.7212)**

Conversions

Conversions Part 1

Format	Color
Hex	00AEC6
RGB	0, 174, 198
RGB Percent	0%, 68%, 78%
CMY	0.9998, 0.3176, 0.2235
CMYK	1.00, 0.12, 0.00, 0.22
HSL	187°, 100%, 39%
HSV	187°, 100%, 78%
XYZ	25.3291, 34.3493, 58.7212
YIQ	124.7100, -111.4080, -29.4240

Conversions

Conversions Part 2

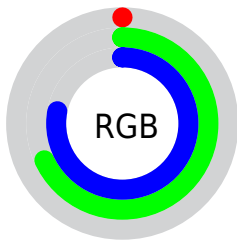
Format	Color
RYB	0, 93, 198
Decimal	44742
CIELab	65.24, -28.41, -22.73
CIELCh	65, 36.382, 218.661
Yxy	34.3493, 0.2139, 0.2901
Android (android.graphics.Color)	4278234822 (0xFF00AEC6)
YUV	124.7100, 36.1320, -109.3707
Hunter-Lab	58.6083, -25.4210, -18.3784

Details

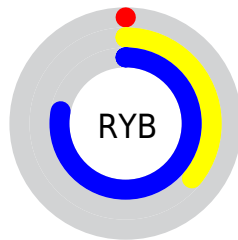
The XYZ color **25.3291, 34.3493, 58.7212** is a dark color, and the websafe version is hex **339999**. The color can be described as dark washed azure. A complement of this color would be **23.6168, 12.6611, 1.2004**, and the grayscale version is **19.3098, 20.3154, 22.1234**.

A 20% lighter version of the original color is **51.7136, 66.5803, 104.7334**, and **11.8714, 15.6884, 28.7880** is the 20% darker color. If you saturate the color by 10%, you get **25.3286, 34.3482, 58.7217**, and if you desaturate by 10%, it is **26.0829, 35.4332, 58.8913**.

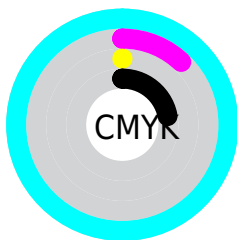
Distribution



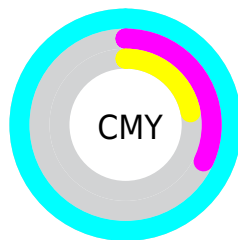
- Red (0%)
- Green (68%)
- Blue (78%)



- Red (0%)
- Yellow (36%)
- Blue (78%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3291, 34.3493, 58.7212 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 25.3291, 34.3493, 58.7212 by changing the saturation by 10% instead.

■ 25.3291, 34.3493,
58.7212

■ 25.3291, 34.3493,
58.7212

271.7904,
321.6868, 437.5410

■ 16.4525, 23.1621,
41.9702

■ 51.6297, 66.4765,
104.4975

■ 9.9378, 14.7132,
28.7526

■ 69.7843, 88.1852,
134.3598

■ 5.4197, 8.6184,
18.6497

■ 91.7623, 114.1700,
169.4297

■ 2.5328, 4.4931,
11.2432

■ 117.9291,
144.8150, 210.1257

■ 0.9118, 1.9530,
6.1145

■ 148.6499,
180.5048, 256.8662

■ 0.0000, 0.5800,
2.8449

184.2902,

■ 0.0000, 0.0000,

221.6238, 310.0700

1.0160

225.2152,
268.5563, 370.1554

■ 0.0000, 0.0000,
0.0000

■ 25.3291, 34.3493,
58.7212

■ 25.3291, 34.3493,
58.7212

■ 25.3286, 34.3482,
58.7217

■ 26.0829, 35.4332,
58.8913

■ 27.1352, 36.6826,
59.0771

■ 28.5886, 38.1513,
59.2839

■ 30.4964, 39.8667,
59.5145

■ 32.9035, 41.8521,
59.7708

■ 35.8495, 44.1279,
60.0548

■ 39.3698, 46.7125,
60.3682

■ 43.4969, 49.6225,
60.7123

■ 48.2608, 52.8737,
61.0888

Harmonies

Analogous

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



23.5858, 34.3493, 41.9633



25.3291, 34.3493, 58.7212



29.0833, 34.3493, 71.6437

Triad

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



25.3291, 34.3493, 58.7212



43.0734, 34.3493, 49.0394



31.1394, 34.3493, 15.3541

Complementary

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



25.3291, 34.3493, 58.7212



23.6168, 12.6611, 1.2004

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.



36.4927, 34.3493, 16.2927



25.3291, 34.3493, 58.7212



43.7768, 34.3493, 33.1812

Square

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



25.3291, 34.3493, 58.7212



39.4267, 34.3493, 65.0853



41.2562, 34.3493, 21.9885



26.6945, 34.3493, 18.9471

Rectangle

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



25.3291, 34.3493, 58.7212



32.4108, 34.3493, 74.7571



41.2562, 34.3493, 21.9885



32.8863, 34.3493, 15.1756

Sweetspot

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



25.3302, 34.3505, 58.7220



69.3974, 82.4890, 106.8721



20.3510, 40.4514, 7.5532



14.2600, 17.2245, 22.8230



0.0000, 0.0000, 0.0000



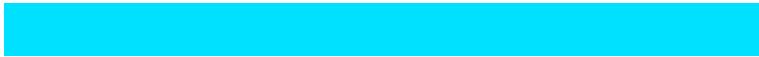
20.3446, 21.4041, 23.3091

Same Dimension

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



25.3302, 34.3505, 58.7220



44.7287, 60.5773, 103.9429



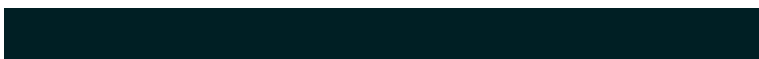
12.7732, 9.2365, 54.5364



10.8327, 11.8396, 13.6318



16.5136, 22.4212, 38.2017



0.8136, 1.1251, 1.8194

Inverse Universe

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



30.9297, 15.0630, 41.3228



54.7062, 26.6465, 72.8418



30.2632, 25.9540, 3.4159



11.0256, 10.7936, 13.1181



20.1347, 9.8034, 26.9827



0.9694, 0.4706, 1.3619

Previews

White Background



This preview shows how the XYZ color 25.3291, 34.3493, 58.7212 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 25.3291, 34.3493, 58.7212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

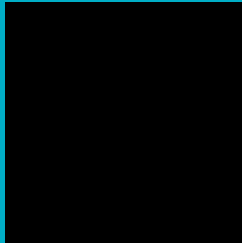
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.3291, 34.3493, 58.7212

Background



This preview shows how black text looks on a background with the XYZ color 25.3291, 34.3493, 58.7212.



This preview shows how white text looks on a background with the XYZ color 25.3291, 34.3493,

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

25.3291, 34.3493, 58.7212

Protanopia

33.5139, 33.9014, 51.2316

Deuteranopia

34.7764, 34.0965, 60.6255



Tritanopia

24.5153, 34.3341, 53.4792

Trichromacy



Original Color

25.3291, 34.3493, 58.7212



Protanomaly

27.2153, 32.3989, 53.5344



Deuteranomaly

28.1823, 32.4906, 60.0443



Tritanomaly

24.8444, 34.4657, 55.2123

Monochromacy



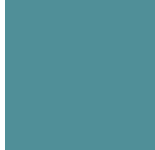
Original Color

25.3291, 34.3493, 58.7212



Achromatopsia

19.4927, 20.5079, 22.3331



Achromatomaly

18.7982, 23.6174, 33.2736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3291, 34.3493, 58.7212 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(0, 174, 198)` looks like.

```
.text, #text, p{  
    color:rgb(0, 174, 198)  
}
```

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(0, 174, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 174, 198) }
```

Border

The CSS property to change the border of an element to XYZ 25.3291, 34.3493, 58.7212 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(0, 174, 198) }
```


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

```
.border{ border-color:rgb(0, 174, 198) }
```

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

Here you see how a box with a 4 pixel rgb(0, 174, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 174, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 174, 198);  
box-shadow:4px 4px 4px 4px rgb(0, 174,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3291, 34.3493, 58.7212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 174, 198) }
```

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

```
.background{ background-color: rgb(0, 174,  
198) }
```

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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