

Converting Colors

XYZ(25.0874, 33.4771, 59.5747)

Have a look what the booklet for
XYZ(25.0874, 33.4771, 59.5747)
contains.

XYZ(25.0383, 33.3218, 59.7557)	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>	30

Color

**XYZ(25.0383, 33.3218,
59.7557)**

Conversions

Conversions Part 1

Format	Color
Hex	04ABC8
RGB	4, 171, 200
RGB Percent	2%, 67%, 78%
CMY	0.9842, 0.3294, 0.2157
CMYK	0.98, 0.14, 0.00, 0.22
HSL	189°, 96%, 40%
HSV	189°, 98%, 78%
XYZ	25.0383, 33.3218, 59.7557
YIQ	124.3730, -108.8410, -26.3850

Conversions

Conversions Part 2

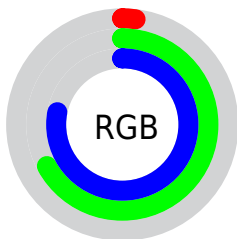
Format	Color
RYB	4, 94, 200
Decimal	306120
CIELab	64.42, -26.12, -25.09
CIELCh	64, 36.216, 223.849
Yxy	33.3218, 0.2120, 0.2821
Android (android.graphics.Color)	4278496200 (0xFF04ABC8)
YUV	124.3730, 37.2841, -105.5671
Hunter-Lab	57.7250, -23.5942, -20.9682

Details

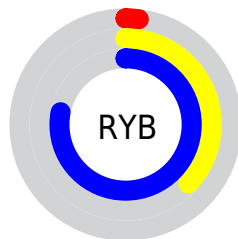
The XYZ color **25.0383, 33.3218, 59.7557** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **24.3868, 13.3783, 1.4130**, and the grayscale version is **19.1925, 20.1920, 21.9891**.

A 20% lighter version of the original color is **50.9986, 64.9830, 104.4628**, and **11.6667, 15.0322, 29.4807** is the 20% darker color. If you saturate the color by 10%, you get **24.8761, 33.0715, 59.7166**, and if you desaturate by 10%, it is **25.9318, 34.6223, 59.9603**.

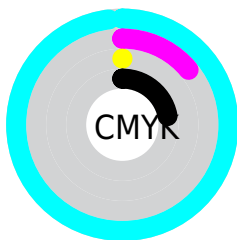
Distribution



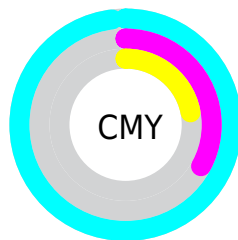
- Red (2%)
- Green (67%)
- Blue (78%)



- Red (2%)
- Yellow (37%)
- Blue (78%)



- Cyan (98%)
- Magenta (14%)
- Yellow (0%)
- Black (22%)



- Cyan (98%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0383, 33.3218, 59.7557 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 25.0383, 33.3218, 59.7557 by changing the saturation by 10% instead.

■ 25.0383, 33.3218,
59.7557

■ 25.0383, 33.3218,
59.7557

270.3727,
317.0973, 441.4763

■ 16.2345, 22.3731,
42.7977

■ 51.1618, 64.8776,
106.0151

■ 9.7821, 14.1313,
29.3962

■ 69.2122, 86.2535,
136.1536

■ 5.3159, 8.2120,
19.1326

■ 91.0755, 111.8739,
171.5227

■ 2.4704, 4.2309,
11.5884

■ 117.1170,
142.1232, 212.5410

■ 0.8804, 1.8036,
6.3449

■ 147.7021,
177.3858, 259.6270

■ 0.0000, 0.4894,
2.9838

183.1962,

■ 0.0000, 0.0000,

218.0461, 313.1991

1.0864

223.9646,
264.4884, 373.6761

■ 0.0000, 0.0000,
0.0000

■ 25.0383, 33.3218,
59.7557

■ 25.0383, 33.3218,
59.7557

■ 24.8761, 33.0715,
59.7166

■ 25.9318, 34.6223,
59.9603

■ 27.1726, 36.1199,
60.1840

■ 28.8398, 37.8562,
60.4312

■ 30.9860, 39.8584,
60.7046

■ 33.6561, 42.1496,
61.0061

■ 36.8897, 44.7506,
61.3377

■ 40.7226, 47.6797,
61.7011

■ 45.1873, 50.9540,
62.0977

■ 50.3144, 54.5892,
62.5292

Harmonies

Analogous

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



22.9777, 33.3218, 43.5214



25.0383, 33.3218, 59.7557



28.9895, 33.3218, 71.0137

Triad

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



25.0383, 33.3218, 59.7557



42.1954, 33.3218, 44.7784



29.3541, 33.3218, 15.0869

Complementary

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



25.0383, 33.3218, 59.7557



24.3868, 13.3783, 1.4130

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.



34.5137, 33.3218, 15.2522



25.0383, 33.3218, 59.7557



42.3205, 33.3218, 29.8932

Square

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



25.0383, 33.3218, 59.7557



39.0581, 33.3218, 60.8888



39.3832, 33.3218, 19.9354



25.2801, 33.3218, 19.3986

Rectangle

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



25.0383, 33.3218, 59.7557



32.3425, 33.3218, 72.6819



39.3832, 33.3218, 19.9354



31.0096, 33.3218, 14.6662

Sweetspot

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



25.0394, 33.3230, 59.7565



69.4855, 81.7853, 106.7316



20.9416, 41.4297, 8.1326



14.2445, 17.0282, 22.7860



0.0000, 0.0000, 0.0000



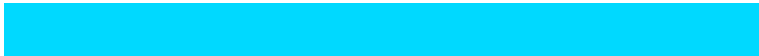
20.3446, 21.4041, 23.3091

Same Dimension

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



25.0394, 33.3230, 59.7565



42.9311, 56.9821, 103.3437



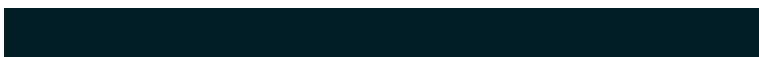
13.0531, 9.3504, 55.7611



10.8078, 11.7897, 13.6235



15.8685, 21.1310, 37.9867



0.7888, 1.0753, 1.8111

Inverse Universe

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



31.2145, 15.3076, 39.8387



53.7988, 26.2835, 68.0638



31.5805, 27.7656, 3.8109



11.0130, 10.7886, 13.0519



19.8090, 9.6732, 25.2680



0.9568, 0.4656, 1.2958

Previews

White Background



This preview shows how the XYZ color 25.0383, 33.3218, 59.7557 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 25.0383, 33.3218, 59.7557 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

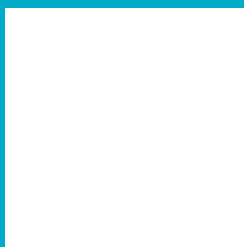
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0383, 33.3218, 59.7557

Background



This preview shows how black text looks on a background with the XYZ color 25.0383, 33.3218, 59.7557.

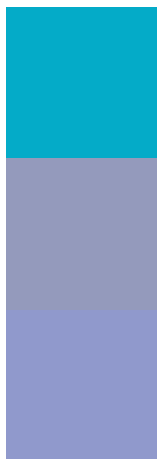


This preview shows how white text looks on a background with the XYZ color 25.0383, 33.3218,

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

25.0383, 33.3218, 59.7557

Protanopia

32.8454, 33.0379, 52.2228

Deuteranopia

33.7919, 33.0714, 61.7291

Trichromacy



Original Color

25.0383, 33.3218, 59.7557

Protanomaly

26.9091, 31.4342, 54.5183

Deuteranomaly

27.8645, 31.7806, 61.1656

Monochromacy



Original Color

25.0383, 33.3218, 59.7557

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.5006, 23.0222, 33.1744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0383, 33.3218, 59.7557 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(4, 171, 200)` looks like.

```
.text, #text, p{  
    color:rgb(4, 171, 200)  
}
```

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(4, 171, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 171, 200) }
```

Border

The CSS property to change the border of an element to XYZ 25.0383, 33.3218, 59.7557 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(4, 171, 200) }
```

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

```
.border{ border-color:rgb(4, 171, 200) }
```

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

Here you see how a box with a 4 pixel rgb(4, 171, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 171, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 171, 200);  
box-shadow:4px 4px 4px 4px rgb(4, 171,  
200) }
```


Background

The CSS property to change the background color of an element to XYZ 25.0383, 33.3218, 59.7557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 171, 200) }
```

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

```
.background{ background-color: rgb(4, 171,  
200) }
```

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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