

Converting Colors

XYZ(25.2102, 32.8018, 55.8992)

Have a look what the booklet for
XYZ(25.2102, 32.8018, 55.8992)
contains.

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Color

**XYZ(25.3417, 33.0010,
56.0731)**

Conversions

Conversions Part 1

Format	Color
Hex	34A9C2
RGB	52, 169, 194
RGB Percent	20%, 66%, 76%
CMY	0.7960, 0.3372, 0.2392
CMYK	0.73, 0.13, 0.00, 0.24
HSL	191°, 58%, 48%
HSV	191°, 73%, 76%
XYZ	25.3417, 33.0010, 56.0731
YIQ	136.8670, -77.7570, -17.0290

Conversions

Conversions Part 2

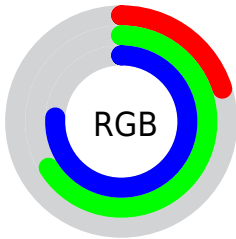
Format	Color
RYB	52, 116, 194
Decimal	3451330
CIELab	64.16, -23.71, -22.10
CIELCh	64, 32.415, 222.985
Yxy	33.0010, 0.2215, 0.2884
Android (android.graphics.Color)	4281641410 (0xFF34A9C2)
YUV	136.8670, 28.1666, -74.4284
Hunter-Lab	57.4465, -21.7886, -17.6600

Details

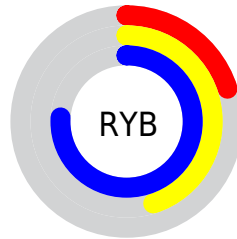
The XYZ color **25.3417, 33.0010, 56.0731** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **25.5229, 17.0263, 5.1911**, and the grayscale version is **23.6471, 24.8786, 27.0928**.

A 20% lighter version of the original color is **51.5395, 64.1279, 100.9283**, and **11.0949, 14.6160, 27.0474** is the 20% darker color. If you saturate the color by 10%, you get **23.9137, 31.3345, 55.8273**, and if you desaturate by 10%, it is **27.1986, 34.9146, 56.3452**.

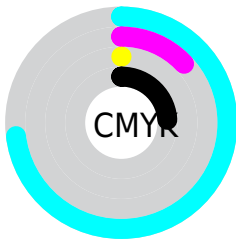
Distribution



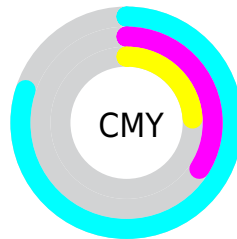
- Red (20%)
- Green (66%)
- Blue (76%)



- Red (20%)
- Yellow (45%)
- Blue (76%)



- Cyan (73%)
- Magenta (13%)
- Yellow (0%)
- Black (24%)



- Cyan (80%)
- Magenta (34%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3417, 33.0010, 56.0731 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 25.3417, 33.0010, 56.0731 by changing the saturation by 10% instead.

■ 25.3417, 33.0010,
56.0731

■ 25.3417, 33.0010,
56.0731

271.8517,
315.6542, 427.3630

■ 16.4619, 22.1272,
39.8571

■ 51.6499, 64.3771,
100.5983

■ 9.9445, 13.9504,
27.1142

■ 69.8091, 85.6482,
129.7446

■ 5.4242, 8.0862,
17.4258

■ 91.7920, 111.1538,
164.0382

■ 2.5355, 4.1501,
10.3734

■ 117.9642,
141.2784, 203.8975

■ 0.9132, 1.7579,
5.5384

■ 148.6909,
176.4064, 249.7411

■ 0.0000, 0.4607,
2.5023

184.3375,

■ 0.0000, 0.0000,

216.9221, 301.9875

0.8414

225.2693,
263.2099, 361.0553

■ 0.0000, 0.0000,
0.0000

■ 25.3417, 33.0010,
56.0731

■ 25.3417, 33.0010,
56.0731

■ 23.9137, 31.3345,
55.8273

■ 27.1986, 34.9146,
56.3452

■ 22.8573, 29.8833,
55.6029

■ 29.5260, 37.0949,
56.6434

■ 22.2818, 28.9832,
55.4595

■ 32.3643, 39.5636,
56.9703

■ 35.7482, 42.3388,
57.3276

■ 39.7097, 45.4371,
57.7169

■ 44.2779, 48.8737,
58.1394

■ 49.4803, 52.6629,
58.5966

■ 55.3422, 56.8181,
59.0897

■ 61.8880, 61.3518,
59.6198

Harmonies

Analogous

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



23.5268, 33.0010, 41.9178



25.3417, 33.0010, 56.0731



28.8535, 33.0010, 65.9348

Triad

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



25.3417, 33.0010, 56.0731



40.5877, 33.0010, 43.8500



29.4245, 33.0010, 16.4981

Complementary

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



25.3417, 33.0010, 56.0731



25.5229, 17.0263, 5.1911

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.



34.0213, 33.0010, 16.7736



25.3417, 33.0010, 56.0731



40.7788, 33.0010, 30.5459

Square

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



25.3417, 33.0010, 56.0731



37.7784, 33.0010, 57.7817



38.2776, 33.0010, 21.3045



25.7244, 33.0010, 20.4294

Rectangle

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



25.3417, 33.0010, 56.0731



31.8284, 33.0010, 67.5552



38.2776, 33.0010, 21.3045



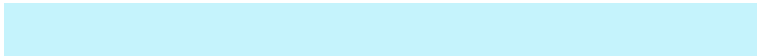
30.9090, 33.0010, 16.1365

Sweetspot

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



25.3428, 33.0022, 56.0739



72.5973, 82.8202, 104.6294



22.0019, 39.8316, 13.3070



15.4338, 17.7802, 22.8684



0.0000, 0.0000, 0.0000



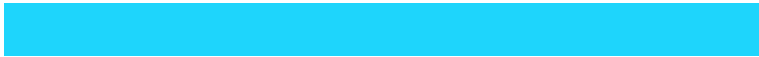
20.3446, 21.4041, 23.3091

Same Dimension

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



25.3428, 33.0022, 56.0739



42.0655, 55.0959, 100.8873



15.6485, 13.6136, 52.8425



10.2128, 11.1170, 12.8923



14.7032, 19.1630, 36.4805



0.6758, 0.9090, 1.5897

Inverse Universe

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



30.6385, 16.7909, 39.1634



52.8330, 26.5443, 65.5148



33.2510, 32.4826, 7.7671



10.4187, 10.2161, 12.2955



18.8175, 9.2167, 22.7487



0.8335, 0.4064, 1.0906

Previews

White Background



This preview shows how the XYZ color 25.3417, 33.0010, 56.0731 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 25.3417, 33.0010, 56.0731 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 25.3417, 33.0010, 56.0731

Background



This preview shows how black text looks on a background with the XYZ color 25.3417, 33.0010, 56.0731.



This preview shows how white text looks on a background with the XYZ color 25.3417, 33.0010,

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

25.3417, 33.0010, 56.0731

Protanopia

32.1512, 32.4973, 49.3778

Deuteranopia

33.4539, 32.7367, 57.9817



Tritanopia

24.2968, 33.1444, 50.4643

Trichromacy



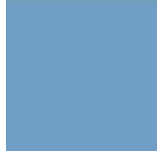
Original Color

25.3417, 33.0010, 56.0731



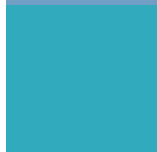
Protanomaly

28.1778, 31.8948, 51.6849



Deuteranomaly

28.9870, 31.9297, 57.4586



Tritanomaly

24.6707, 33.0087, 52.6480

Monochromacy



Original Color

25.3417, 33.0010, 56.0731



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

22.8629, 27.0277, 36.3596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3417, 33.0010, 56.0731 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(52, 169, 194)` looks like.

```
.text, #text, p{  
    color:rgb(52, 169, 194)  
}
```

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(52, 169, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 169, 194) }
```

Border

The CSS property to change the border of an element to XYZ 25.3417, 33.0010, 56.0731 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(52, 169, 194) }
```


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

```
.border{ border-color:rgb(52, 169, 194) }
```

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

Here you see how a box with a 4 pixel rgb(52, 169, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 169, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 169, 194);  
box-shadow:4px 4px 4px 4px rgb(52, 169,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3417, 33.0010, 56.0731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 169, 194) }
```

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

```
.background{ background-color: rgb(52, 169,  
194) }
```

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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