

Converting Colors

XYZ(25.1750, 33.3218, 60.6420)

Have a look what the booklet for
XYZ(25.1750, 33.3218, 60.6420)
contains.

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Color

**XYZ(25.1556, 33.3687,
60.3733)**

Conversions

Conversions Part 1

Format	Color
Hex	04ABC9
RGB	4, 171, 201
RGB Percent	2%, 67%, 79%
CMY	0.9841, 0.3294, 0.2118
CMYK	0.98, 0.15, 0.00, 0.21
HSL	189°, 96%, 40%
HSV	189°, 98%, 79%
XYZ	25.1556, 33.3687, 60.3733
YIQ	124.4870, -109.1620, -26.0740

Conversions

Conversions Part 2

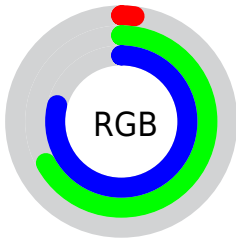
Format	Color
RYB	4, 94, 201
Decimal	306121
CIELab	64.46, -25.78, -25.59
CIELCh	64, 36.322, 224.783
Yxy	33.3687, 0.2116, 0.2807
Android (android.graphics.Color)	4278496201 (0xFF04ABC9)
YUV	124.4870, 37.7209, -105.6671
Hunter-Lab	57.7656, -23.3573, -21.5305

Details

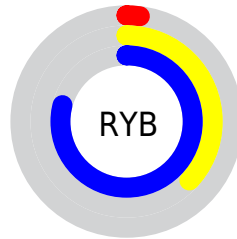
The XYZ color **25.1556, 33.3687, 60.3733** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **24.6831, 13.5730, 1.4350**, and the grayscale version is **19.2295, 20.2309, 22.0315**.

A 20% lighter version of the original color is **50.9986, 64.9830, 104.4628**, and **11.7449, 15.0635, 29.8923** is the 20% darker color. If you saturate the color by 10%, you get **24.9900, 33.1116, 60.3331**, and if you desaturate by 10%, it is **26.0712, 34.7098, 60.5846**.

Distribution



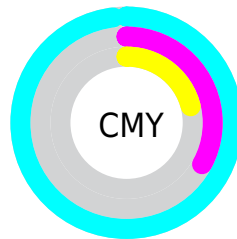
- Red (2%)
- Green (67%)
- Blue (79%)



- Red (2%)
- Yellow (37%)
- Blue (79%)



- Cyan (98%)
- Magenta (15%)
- Yellow (0%)
- Black (21%)



- Cyan (98%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1556, 33.3687, 60.3733 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 25.1556, 33.3687, 60.3733 by changing the saturation by 10% instead.

■ 25.1556, 33.3687,
60.3733

■ 25.1556, 33.3687,
60.3733

270.9453,
317.3079, 443.8152

■ 16.3224, 22.4090,
43.2923

■ 51.3506, 64.9507,
106.9197

■ 9.8448, 14.1578,
29.7815

■ 69.4431, 86.3419,
137.2221

■ 5.3577, 8.2305,
19.4221

■ 91.3527, 111.9790,
172.7689

■ 2.4955, 4.2428,
11.7958

■ 117.4449,
142.2465, 213.9784

■ 0.8930, 1.8103,
6.4839

■ 148.0848,
177.5287, 261.2692

■ 0.0000, 0.4936,
3.0680

183.6380,

■ 0.0000, 0.0000,

218.2101, 315.0600

1.1295

224.4697,
264.6750, 375.7691

■ 0.0000, 0.0000,
0.0000

■ 25.1556, 33.3687,
60.3733

■ 25.1556, 33.3687,
60.3733

■ 24.9900, 33.1116,
60.3331

■ 26.0712, 34.7098,
60.5846

■ 27.3389, 36.2518,
60.8154

■ 29.0385, 38.0366,
61.0703

■ 31.2235, 40.0919,
61.3519

■ 33.9393, 42.4413,
61.6622

■ 37.2259, 45.1054,
62.0032

■ 41.1196, 48.1032,
62.3766

■ 45.6535, 51.4518,
62.7840

■ 50.8583, 55.1671,
63.2268

Harmonies

Analogous

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



23.0233, 33.3687, 44.1126



25.1556, 33.3687, 60.3733



29.1716, 33.3687, 71.4161

Triad

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



25.1556, 33.3687, 60.3733



42.3364, 33.3687, 44.3503



29.2405, 33.3687, 15.1344

Complementary

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



25.1556, 33.3687, 60.3733



24.6831, 13.5730, 1.4350

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.



34.4041, 33.3687, 15.1656



25.1556, 33.3687, 60.3733



42.3601, 33.3687, 29.5262

Square

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



25.1556, 33.3687, 60.3733



39.2664, 33.3687, 60.5876



39.3279, 33.3687, 19.7087



25.2013, 33.3687, 19.6074

Rectangle

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



25.1556, 33.3687, 60.3733



32.5542, 33.3687, 72.8396



39.3279, 33.3687, 19.7087



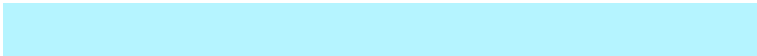
30.8922, 33.3687, 14.6678

Sweetspot

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



25.1567, 33.3699, 60.3741



69.3893, 81.5928, 106.6995



21.2203, 41.9130, 8.4540



14.2210, 16.9814, 22.7782



0.0000, 0.0000, 0.0000



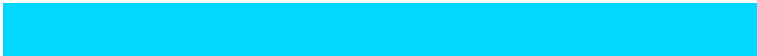
20.3446, 21.4041, 23.3091

Same Dimension

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



25.1567, 33.3699, 60.3741



42.6471, 56.4141, 103.2490



12.9745, 9.0055, 56.3134



10.8038, 11.7817, 13.6222



15.7665, 20.9270, 37.9527



0.7848, 1.0674, 1.8098

Inverse Universe

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



31.4825, 15.4458, 39.8513



53.6555, 26.2262, 67.3089



32.3701, 28.9470, 3.9974



11.0110, 10.7878, 13.0412



19.7576, 9.6526, 24.9969



0.9548, 0.4648, 1.2853

Previews

White Background



This preview shows how the XYZ color 25.1556, 33.3687, 60.3733 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 25.1556, 33.3687, 60.3733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

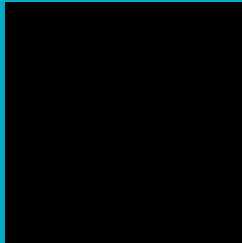
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.1556, 33.3687, 60.3733

Background



This preview shows how black text looks on a background with the XYZ color 25.1556, 33.3687, 60.3733.

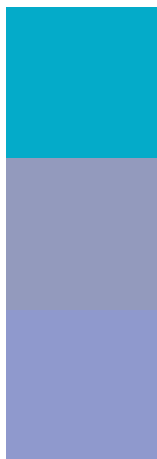


This preview shows how white text looks on a background with the XYZ color 25.1556, 33.3687,

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

25.1556, 33.3687, 60.3733

Protanopia

32.7735, 32.9884, 52.7842

Deuteranopia

33.7384, 33.0299, 62.3548



Tritanopia

23.8065, 33.4323, 51.6527

Trichromacy



Original Color

25.1556, 33.3687, 60.3733

Protanomaly

26.9158, 31.4248, 55.0991

Deuteranomaly

27.8835, 31.7766, 61.7906

Tritanomaly

24.1690, 33.2731, 54.4387

Monochromacy



Original Color

25.1556, 33.3687, 60.3733

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.8161, 23.3952, 33.6610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1556, 33.3687, 60.3733 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(4, 171, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 171, 201) }
```

Border

The CSS property to change the border of an element to XYZ 25.1556, 33.3687, 60.3733 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, 201) }
```


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

```
.border{ border-color:rgb(4, 171, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 171, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 171, 201);  
box-shadow:4px 4px 4px 4px rgb(4, 171,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1556, 33.3687, 60.3733 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, 201) }
```

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

```
.background{ background-color: rgb(4, 171,  
201) }
```

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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