

Converting Colors

XYZ(25.6186, 33.4822, 56.9816)

Have a look what the booklet for
XYZ(25.6186, 33.4822, 56.9816)
contains.

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Color

**XYZ(25.5404, 33.3677,
56.7242)**

Conversions

Conversions Part 1

Format	Color
Hex	32AAC3
RGB	50, 170, 195
RGB Percent	20%, 67%, 76%
CMY	0.8039, 0.3333, 0.2353
CMYK	0.74, 0.13, 0.00, 0.24
HSL	190°, 59%, 48%
HSV	190°, 74%, 76%
XYZ	25.5404, 33.3677, 56.7242
YIQ	136.9700, -79.5450, -17.6650

Conversions

Conversions Part 2

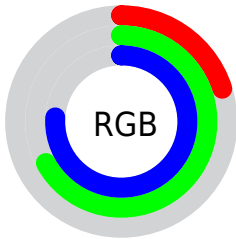
Format	Color
R _{YB}	50, 116, 195
Decimal	3320515
CIE _{Lab}	64.46, -24.15, -22.21
CIE _{LCh}	64, 32.808, 222.603
Yxy	33.3677, 0.2209, 0.2886
Android (android.graphics.Color)	4281510595 (0xFF32AAC3)
YUV	136.9700, 28.6088, -76.2727
Hunter-Lab	57.7648, -22.1655, -17.7866

Details

The XYZ color **25.5404, 33.3677, 56.7242** 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 **25.5985, 16.8658, 4.9249**, and the grayscale version is **23.6848, 24.9183, 27.1360**.

A 20% lighter version of the original color is **52.1032, 65.2029, 101.9348**, and **11.2862, 14.8800, 27.4766** is the 20% darker color. If you saturate the color by 10%, you get **24.1538, 31.7298, 56.4818**, and if you desaturate by 10%, it is **27.3545, 35.2512, 56.9928**.

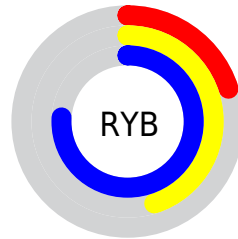
Distribution



Red (20%)

Green (67%)

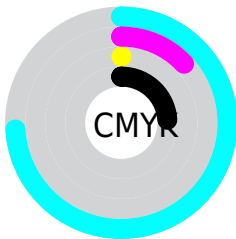
Blue (76%)



Red (20%)

Yellow (45%)

Blue (76%)

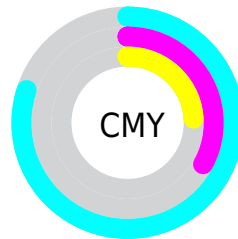


Cyan (74%)

Magenta (13%)

Yellow (0%)

Black (24%)



Cyan (80%)

Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5404, 33.3677, 56.7242 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 25.5404, 33.3677, 56.7242 by changing the saturation by 10% instead.

■ 25.5404, 33.3677,
56.7242

■ 25.5404, 33.3677,
56.7242

272.8168,
317.3034, 429.8798

■ 16.6110, 22.4083,
40.3760

■ 51.9692, 64.9492,
101.5590

■ 10.0511, 14.1572,
27.5158

■ 70.1992, 86.3400,
130.8826

■ 5.4954, 8.2301,
17.7251

■ 92.2603, 111.9768,
165.3685

■ 2.5785, 4.2425,
10.5854

■ 118.5176,
142.2439, 205.4351

■ 0.9350, 1.8101,
5.6782

■ 149.3365,
177.5257, 251.5010

■ 0.0000, 0.4935,
2.5848

185.0825,

■ 0.0000, 0.0000,

218.2066, 303.9847

0.8846

226.1208,
264.6710, 363.3048

■ 0.0000, 0.0000,
0.0000

■ 25.5404, 33.3677,
56.7242

■ 25.5404, 33.3677,
56.7242

■ 24.1538, 31.7298,
56.4818

■ 27.3545, 35.2512,
56.9928

■ 23.1352, 30.3047,
56.2604

■ 29.6394, 37.4009,
57.2873

■ 22.6619, 29.5630,
56.1422

■ 32.4361, 39.8387,
57.6104

■ 35.7806, 42.5834,
57.9639

■ 39.7053, 45.6517,
58.3493

■ 44.2402, 49.0595,
58.7681

■ 49.4132, 52.8211,
59.2215

■ 55.2502, 56.9501,
59.7108

■ 61.7759, 61.4595,
60.2373

Harmonies

Analogous

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



23.7169, 33.3677, 42.2519



25.5404, 33.3677, 56.7242



29.0993, 33.3677, 66.9001

Triad

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



25.5404, 33.3677, 56.7242



41.1030, 33.3677, 44.5968



29.7912, 33.3677, 16.5345

Complementary

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



25.5404, 33.3677, 56.7242



25.5985, 16.8658, 4.9249

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.



34.4830, 33.3677, 16.8668



25.5404, 33.3677, 56.7242



41.3350, 33.3677, 30.9922

Square

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



25.5404, 33.3677, 56.7242



38.2065, 33.3677, 58.8006



38.8123, 33.3677, 21.5266



26.0039, 33.3677, 20.4690

Rectangle

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



25.5404, 33.3677, 56.7242



32.1256, 33.3677, 68.6465



38.8123, 33.3677, 21.5266



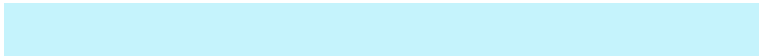
31.3079, 33.3677, 16.1852

Sweetspot

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



25.5415, 33.3689, 56.7250



72.6578, 82.9411, 104.6496



22.0731, 40.2058, 13.1066



15.4486, 17.8098, 22.8734



0.0000, 0.0000, 0.0000



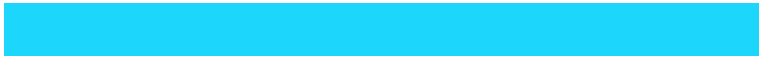
20.3446, 21.4041, 23.3091

Same Dimension

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



25.5415, 33.3689, 56.7250



42.0885, 55.2480, 100.9154



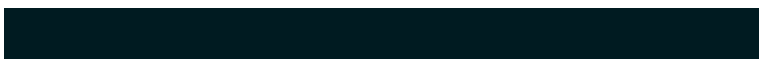
15.5658, 13.4176, 53.3998



10.2160, 11.1234, 12.8934



14.7831, 19.3227, 36.5071



0.6786, 0.9146, 1.5907

Inverse Universe

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



30.9029, 16.7866, 39.6428



52.8187, 26.4395, 65.7452



33.4644, 32.5977, 7.5469



10.4203, 10.2167, 12.3040



18.8578, 9.2329, 22.9611



0.8349, 0.4070, 1.0980

Previews

White Background



This preview shows how the XYZ color 25.5404, 33.3677, 56.7242 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 25.5404, 33.3677, 56.7242 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 25.5404, 33.3677, 56.7242

Background



This preview shows how black text looks on a background with the XYZ color 25.5404, 33.3677, 56.7242.



This preview shows how white text looks on a background with the XYZ color 25.5404, 33.3677,

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

25.5404, 33.3677, 56.7242

Protanopia

32.6018, 32.9615, 49.9913

Deuteranopia

33.5697, 32.7830, 58.5913



Tritanopia

24.5703, 33.5425, 51.6337

Trichromacy



Original Color

25.5404, 33.3677, 56.7242



Protanomaly

28.4580, 32.2832, 52.3083



Deuteranomaly

29.2733, 32.3182, 58.1213



Tritanomaly

24.8304, 33.3578, 53.2741

Monochromacy



Original Color

25.5404, 33.3677, 56.7242



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

22.7447, 26.9668, 36.3541

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5404, 33.3677, 56.7242 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(50, 170, 195)` looks like.

```
.text, #text, p{  
    color:rgb(50, 170, 195)  
}
```

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(50, 170, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 170, 195) }
```

Border

The CSS property to change the border of an element to XYZ 25.5404, 33.3677, 56.7242 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(50, 170, 195) }
```


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

```
.border{ border-color:rgb(50, 170, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 170, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 170, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 170, 195);  
box-shadow:4px 4px 4px 4px rgb(50, 170,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5404, 33.3677, 56.7242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 170, 195) }
```

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

```
.background{ background-color: rgb(50, 170,  
195) }
```

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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