

Converting Colors

XYZ(33.4947, 41.1160, 56.6943)

Have a look what the booklet for
XYZ(33.4947, 41.1160, 56.6943)
contains.

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Color

**XYZ(33.4238, 40.9510,
56.5948)**

Conversions

Conversions Part 1

Format	Color
Hex	73B6C1
RGB	115, 182, 193
RGB Percent	45%, 71%, 76%
CMY	0.5490, 0.2863, 0.2431
CMYK	0.40, 0.06, 0.00, 0.24
HSL	188°, 39%, 60%
HSV	188°, 40%, 76%
XYZ	33.4238, 40.9510, 56.5948
YIQ	163.2210, -43.4630, -10.7830

Conversions

Conversions Part 2

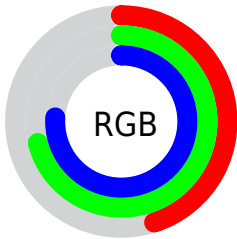
Format	Color
R _Y B	115, 151, 193
Decimal	7583425
CIE Lab	70.14, -18.38, -12.29
CIE LCh	70, 22.108, 213.760
Yxy	40.9510, 0.2552, 0.3127
Android (android.graphics.Color)	4285773505 (0xFF73B6C1)
YUV	163.2210, 14.6810, -42.2898
Hunter-Lab	63.9930, -18.7564, -7.6405

Details

The XYZ color **33.4238, 40.9510, 56.5948** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.5483, 27.4975, 19.8127**, and the grayscale version is **34.8657, 36.6814, 39.9460**.

A 20% lighter version of the original color is **64.2510, 76.5347, 101.0088**, and **14.4474, 18.5546, 27.6309** is the 20% darker color. If you saturate the color by 10%, you get **30.5951, 38.6743, 56.3052**, and if you desaturate by 10%, it is **36.7971, 43.5264, 56.9148**.

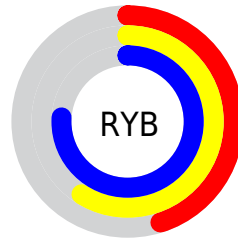
Distribution



Red (45%)

Green (71%)

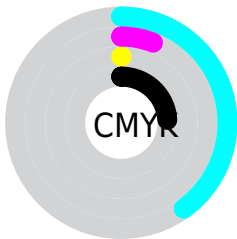
Blue (76%)



Red (45%)

Yellow (59%)

Blue (76%)

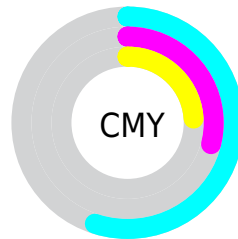


Cyan (40%)

Magenta (6%)

Yellow (0%)

Black (24%)



Cyan (55%)

Magenta (29%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.4238, 40.9510, 56.5948 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 33.4238, 40.9510, 56.5948 by changing the saturation by 10% instead.

■ 33.4238, 40.9510,
56.5948

■ 33.4238, 40.9510,
56.5948

309.1864,
350.1158, 429.3804

■ 22.6121, 28.2808,
40.2728

■ 64.3869, 76.6095,
101.3682

■ 14.4265, 18.5374,
27.4359

■ 85.2690, 100.3666,
130.6566

■ 8.5015, 11.3365,
17.6656

■ 110.2385,
128.5881, 165.1043

■ 4.4720, 6.2937,
10.5432

139.6610,
161.6584, 205.1298

■ 1.9725, 3.0245,
5.6503

173.9016,
199.9620, 251.1516

■ 0.6184, 1.1445,
2.5683

213.3259,

■ 0.0000, 0.0157,

243.8831, 303.5883

0.8760

258.2990,
293.8063, 362.8583

■ 0.0000, 0.0000,
0.0000

■ 33.4238, 40.9510,
56.5948

■ 33.4238, 40.9510,
56.5948

■ 30.5951, 38.6743,
56.3052

■ 36.7971, 43.5264,
56.9148

■ 28.2739, 36.6743,
56.0415

■ 40.7419, 46.4117,
57.2638

■ 26.4240, 34.9332,
55.8029

■ 45.2878, 49.6230,
57.6441

■ 25.0030, 33.4290,
55.5874

■ 50.4610, 53.1742,
58.0569

■ 23.9607, 32.1357,
55.3927

■ 56.2864, 57.0779,
58.5033

■ 23.2234, 31.0455,
55.2212

■ 62.7875, 61.3465,
58.9846

■ 69.9864, 65.9915,
59.5018

■ 72.4050, 68.1888,
59.7984

■ 73.0566, 69.4920,
60.0156

Harmonies

Analogous

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



32.3890, 40.9510, 45.9073



33.4238, 40.9510, 56.5948



35.9289, 40.9510, 64.9397

Triad

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



33.4238, 40.9510, 56.5948



45.4980, 40.9510, 53.9846



38.4685, 40.9510, 27.5246

Complementary

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



33.4238, 40.9510, 56.5948



32.5483, 27.4975, 19.8127

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.



42.0784, 40.9510, 29.0070



33.4238, 40.9510, 56.5948



46.2808, 40.9510, 43.2956

Square

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



33.4238, 40.9510, 56.5948



42.9157, 40.9510, 63.2763



44.9939, 40.9510, 34.4133



35.1854, 40.9510, 29.9985

Rectangle

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



33.4238, 40.9510, 56.5948



38.1719, 40.9510, 67.4564



44.9939, 40.9510, 34.4133



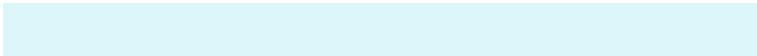
39.6833, 40.9510, 27.5791

Sweetspot

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



33.4250, 40.9526, 56.5958



79.5842, 87.8097, 103.1147



29.8684, 43.2765, 26.3162



16.8360, 18.6717, 22.1019



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



33.4250, 40.9526, 56.5958



55.5726, 69.9077, 100.9248



26.6096, 27.3217, 54.3239



10.2436, 11.1785, 12.9026



15.4904, 20.7372, 36.7429



0.7032, 0.9639, 1.5989

Inverse Universe

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



36.5676, 26.9773, 47.5376



62.0703, 42.1394, 81.9429



38.4348, 39.2705, 21.7748



10.4342, 10.2223, 12.3773



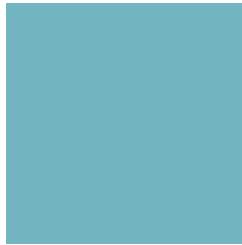
19.2148, 9.3757, 24.8409



0.8474, 0.4120, 1.1635

Previews

White Background



This preview shows how the XYZ color 33.4238, 40.9510, 56.5948 looks on a white background.

Color Contrast Check

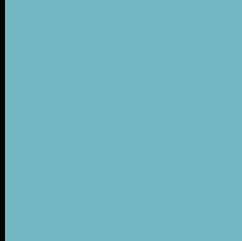
Large Text (above 18pt) WCAG AA × Fail

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 33.4238, 40.9510, 56.5948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

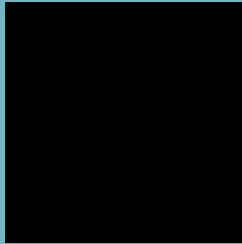
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.4238, 40.9510, 56.5948

Background



This preview shows how black text looks on a background with the XYZ color 33.4238, 40.9510, 56.5948.



This preview shows how white text looks on a background with the XYZ color 33.4238, 40.9510,

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

33.4238, 40.9510, 56.5948

Protanopia

39.4939, 40.6872, 51.6708

Deuteranopia

41.2792, 40.3719, 57.8415



Tritanopia

33.8942, 41.1544, 58.3817

Trichromacy



Original Color

33.4238, 40.9510, 56.5948

Protanomaly

36.6076, 40.2925, 53.4248

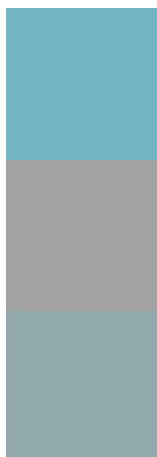
Deuteranomaly

37.7397, 40.2175, 57.4034

Tritanomaly

33.7807, 41.1090, 57.7842

Monochromacy



Original Color

33.4238, 40.9510, 56.5948

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.8688, 37.9164, 45.5779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4238, 40.9510, 56.5948 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(115, 182, 193)` looks like.

```
.text, #text, p{  
    color:rgb(115, 182, 193)  
}
```

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(115, 182, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 182, 193) }
```

Border

The CSS property to change the border of an element to XYZ 33.4238, 40.9510, 56.5948 is called "border". The border property can be set on classes, ids or directly on the HTML element.

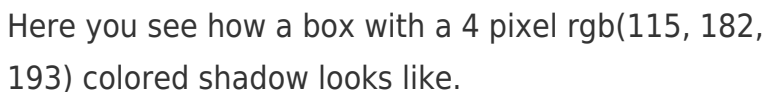
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 182, 193) }
```


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

```
.border{ border-color:rgb(115, 182, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 182, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 182, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 182, 193);  
box-shadow:4px 4px 4px 4px rgb(115, 182,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4238, 40.9510, 56.5948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 182, 193) }
```

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

```
.background{ background-color: rgb(115,  
182, 193) }
```

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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