

Converting Colors

XYZ(33.5790, 41.0943, 56.6155)

Have a look what the booklet for
XYZ(33.5790, 41.0943, 56.6155)
contains.

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Color

**XYZ(33.5560, 41.0192,
56.6010)**

Conversions

Conversions Part 1

Format	Color
Hex	74B6C1
RGB	116, 182, 193
RGB Percent	45%, 71%, 76%
CMY	0.5451, 0.2863, 0.2431
CMYK	0.40, 0.06, 0.00, 0.24
HSL	189°, 38%, 61%
HSV	189°, 40%, 76%
XYZ	33.5560, 41.0192, 56.6010
YIQ	163.5200, -42.8670, -10.5710

Conversions

Conversions Part 2

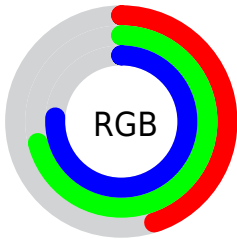
Format	Color
RYB	116, 152, 193
Decimal	7648961
CIELab	70.19, -18.12, -12.21
CIElCh	70, 21.851, 213.970
Yxy	41.0192, 0.2558, 0.3127
Android (android.graphics.Color)	4285839041 (0xFF74B6C1)
YUV	163.5200, 14.5336, -41.6750
Hunter-Lab	64.0462, -18.5587, -7.5653

Details

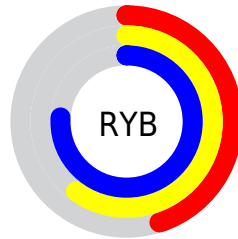
The XYZ color **33.5560, 41.0192, 56.6010** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.7346, 27.7775, 20.1601**, and the grayscale version is **35.0075, 36.8306, 40.1086**.

A 20% lighter version of the original color is **64.4680, 76.6466, 101.0190**, and **14.5705, 18.6181, 27.6366** is the 20% darker color. If you saturate the color by 10%, you get **30.6935, 38.7146, 56.3078**, and if you desaturate by 10%, it is **36.9651, 43.6240, 56.9248**.

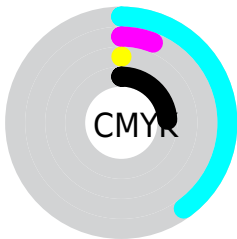
Distribution



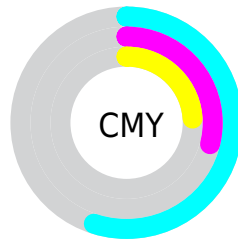
- Red (45%)
- Green (71%)
- Blue (76%)



- Red (45%)
- Yellow (60%)
- 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 33.5560, 41.0192, 56.6010 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 33.5560, 41.0192, 56.6010 by changing the saturation by 10% instead.

■ 33.5560, 41.0192,
56.6010

■ 33.5560, 41.0192,
56.6010

309.7686,
350.4009, 429.4043

■ 22.7140, 28.3341,
40.2778

■ 64.5915, 76.7130,
101.3773

■ 14.5020, 18.5777,
27.4397

■ 85.5157, 100.4906,
130.6675

■ 8.5547, 11.3655,
17.6684

■ 110.5313,
128.7343, 165.1170

■ 4.5066, 6.3132,
10.5452

140.0038,
161.8288, 205.1444

■ 1.9926, 3.0365,
5.6516

174.2984,
200.1582, 251.1684

■ 0.6298, 1.1508,
2.5691

213.7805,

■ 0.0000, 0.0210,

244.1071, 303.6073

0.8764

258.8154,
294.0599, 362.8797

■ 0.0000, 0.0000,
0.0000

■ 33.5560, 41.0192,
56.6010

■ 33.5560, 41.0192,
56.6010

■ 30.6935, 38.7146,
56.3078

■ 36.9651, 43.6240,
56.9248

■ 28.3405, 36.6881,
56.0406

■ 40.9474, 46.5400,
57.2778

■ 26.4613, 34.9221,
55.7988

■ 45.5325, 49.7833,
57.6621

■ 25.0135, 33.3948,
55.5803

■ 50.7465, 53.3677,
58.0792

■ 23.9475, 32.0805,
55.3828

■ 56.6143, 57.3060,
58.5301

■ 23.1672, 30.9294,
55.2017

■ 63.1592, 61.6103,
59.0159

■ 23.1594, 30.9176,
55.1999

■ 70.4034, 66.2921,
59.5378

■ 72.4721, 68.3230,
59.8208

■ 73.1334, 69.6456,
60.0412

Harmonies

Analogous

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



32.5194, 41.0192, 46.0410



33.5560, 41.0192, 56.6010



36.0458, 41.0192, 64.8088

Triad

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



33.5560, 41.0192, 56.6010



45.5016, 41.0192, 53.8789



38.5131, 41.0192, 27.7503

Complementary

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



33.5560, 41.0192, 56.6010



32.7346, 27.7775, 20.1601

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.



42.0851, 41.0192, 29.1954



33.5560, 41.0192, 56.6010



46.2610, 41.0192, 43.3126

Square

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



33.5560, 41.0192, 56.6010



42.9592, 41.0192, 63.0760



44.9756, 41.0192, 34.5339



35.2685, 41.0192, 30.2350

Rectangle

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



33.5560, 41.0192, 56.6010



38.2693, 41.0192, 67.2608



44.9756, 41.0192, 34.5339



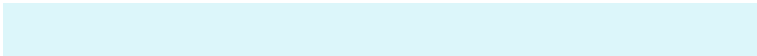
39.7146, 41.0192, 27.7953

Sweetspot

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



33.5572, 41.0208, 56.6020



79.5675, 87.7764, 103.1092



30.0563, 43.3670, 26.6164



16.8321, 18.6638, 22.1006



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.



33.5572, 41.0208, 56.6020



55.5106, 69.7836, 100.9042



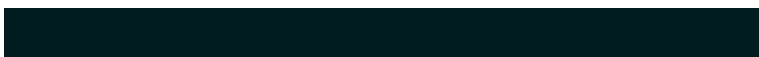
26.8376, 27.5814, 54.3621



10.2420, 11.1752, 12.9021



15.4483, 20.6531, 36.7288



0.7018, 0.9610, 1.5984

Inverse Universe

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



36.6822, 27.2066, 47.5759



62.0390, 42.1268, 81.7780



38.5586, 39.4254, 22.1014



10.4334, 10.2220, 12.3730



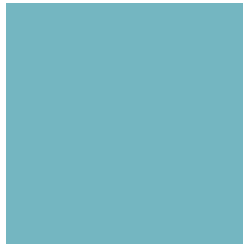
19.1935, 9.3672, 24.7290



0.8466, 0.4117, 1.1597

Previews

White Background



This preview shows how the XYZ color 33.5560, 41.0192, 56.6010 looks on a white background.

Color Contrast Check

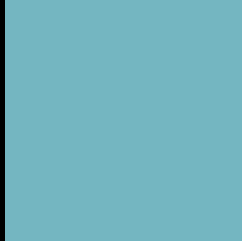
Large Text (above 18pt) WCAG AA × Fail

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 33.5560, 41.0192, 56.6010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

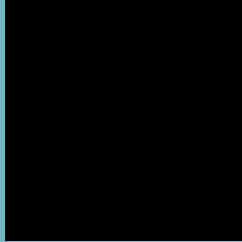
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.5560, 41.0192, 56.6010

Background



This preview shows how black text looks on a background with the XYZ color 33.5560, 41.0192, 56.6010.

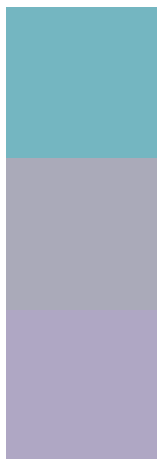


This preview shows how white text looks on a background with the XYZ color 33.5560, 41.0192,

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

33.5560, 41.0192, 56.6010

Protanopia

39.7092, 40.7983, 51.6809

Deuteranopia

41.4617, 40.7369, 57.9023



Tritanopia

34.0279, 41.2233, 58.3880

Trichromacy



Original Color

33.5560, 41.0192, 56.6010

Protanomaly

36.7908, 40.3870, 53.4333

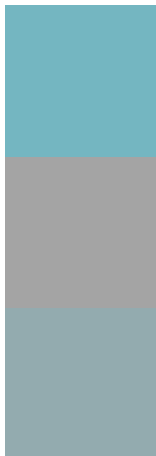
Deuteranomaly

37.9293, 40.3152, 57.4123

Tritanomaly

33.9144, 41.1779, 57.7904

Monochromacy



Original Color

33.5560, 41.0192, 56.6010

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.3334, 38.4240, 46.1645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5560, 41.0192, 56.6010 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(116, 182, 193)` looks like.

```
.text, #text, p{  
    color:rgb(116, 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(116, 182, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 182, 193) }
```

Border

The CSS property to change the border of an element to XYZ 33.5560, 41.0192, 56.6010 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(116, 182, 193) }
```


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

```
.border{ border-color:rgb(116, 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(116, 182, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 182, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 182, 193);  
box-shadow:4px 4px 4px 4px rgb(116, 182,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5560, 41.0192, 56.6010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 182, 193) }
```

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

```
.background{ background-color: rgb(116,  
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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