

Converting Colors

XYZ(36.3665, 43.0775, 55.8326)

Have a look what the booklet for
XYZ(36.3665, 43.0775, 55.8326)
contains.

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Color

**XYZ(36.3760, 43.1109,
55.6942)**

Conversions

Conversions Part 1

Format	Color
Hex	86B8BF
RGB	134, 184, 191
RGB Percent	53%, 72%, 75%
CMY	0.4745, 0.2784, 0.2510
CMYK	0.30, 0.04, 0.00, 0.25
HSL	187°, 31%, 64%
HSV	187°, 30%, 75%
XYZ	36.3760, 43.1109, 55.6942
YIQ	169.8480, -32.0470, -8.4230

Conversions

Conversions Part 2

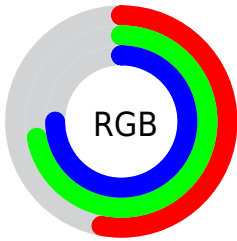
Format	Color
RYB	134, 161, 191
Decimal	8829119
CIELab	71.63, -14.70, -8.86
CIElCh	72, 17.163, 211.088
Yxy	43.1109, 0.2691, 0.3189
Android (android.graphics.Color)	4287019199 (0xFF86B8BF)
YUV	169.8480, 10.4279, -31.4387
Hunter-Lab	65.6589, -16.0114, -4.3307

Details

The XYZ color **36.3760, 43.1109, 55.6942** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.3144, 31.8478, 26.8413**, and the grayscale version is **38.0950, 40.0789, 43.6459**.

A 20% lighter version of the original color is **68.9349, 79.8544, 99.7759**, and **16.1834, 19.8614, 27.0254** is the 20% darker color. If you saturate the color by 10%, you get **33.1196, 40.7161, 55.4043**, and if you desaturate by 10%, it is **40.1928, 45.8088, 56.0145**.

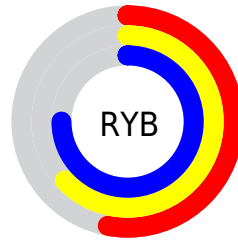
Distribution



Red (53%)

Green (72%)

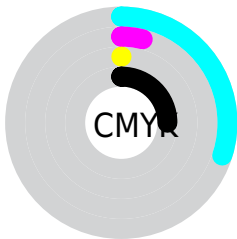
Blue (75%)



Red (53%)

Yellow (63%)

Blue (75%)

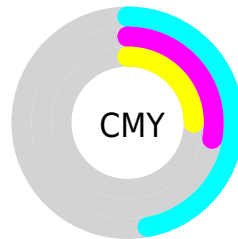


Cyan (30%)

Magenta (4%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (28%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3760, 43.1109, 55.6942 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 36.3760, 43.1109, 55.6942 by changing the saturation by 10% instead.

■ 36.3760, 43.1109,
55.6942

■ 36.3760, 43.1109,
55.6942

322.0036,
359.0676, 425.8939

■ 24.8962, 29.9721,
39.5554

■ 68.9321, 79.8782,
100.0387

■ 16.1280, 19.8174,
26.8810

■ 90.7391, 104.2755,
129.0814

■ 9.7062, 12.2624,
17.2522

■ 116.7192,
133.1945, 163.2626

■ 5.2654, 6.9227,
10.2506

147.2377,
167.0194, 203.0008

■ 2.4401, 3.4138,
5.4577

182.6601,
206.1349, 248.7145

■ 0.8652, 1.3514,
2.4548

223.3516,

■ 0.0000, 0.1805,

250.9251, 300.8222

0.8161

269.6777,
301.7746, 359.7425

■ 0.0000, 0.0000,
0.0000

■ 36.3760, 43.1109,
55.6942

■ 36.3760, 43.1109,
55.6942

■ 33.1196, 40.7161,
55.4043

■ 40.1928, 45.8088,
56.0145

■ 30.3903, 38.6038,
55.1404

■ 44.5937, 48.8187,
56.3635

■ 28.1567, 36.7590,
54.9021

■ 49.6055, 52.1557,
56.7435

■ 26.3828, 35.1630,
54.6875

■ 55.2522, 55.8321,
57.1555

■ 25.0277, 33.7946,
54.4948

■ 61.5568, 59.8599,
57.6006

■ 24.0429, 32.6288,
54.3217

■ 68.5407, 64.2502,
58.0800

■ 23.3347, 31.6173,
54.1638

■ 71.3953, 66.5241,
58.3684

■ 23.3241, 31.6017,
54.1613

■ 71.9441, 67.6216,
58.5513

■ 72.5012, 68.7359,
58.7370

Harmonies

Analogous

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



35.6409, 43.1109, 47.2448



36.3760, 43.1109, 55.6942



38.3341, 43.1109, 62.3817

Triad

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



36.3760, 43.1109, 55.6942



46.0620, 43.1109, 55.1068



40.8697, 43.1109, 32.6945

Complementary

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



36.3760, 43.1109, 55.6942



35.3144, 31.8478, 26.8413

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.



43.7358, 43.1109, 34.2839



36.3760, 43.1109, 55.6942



46.8177, 43.1109, 46.6374

Square

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



36.3760, 43.1109, 55.6942



43.9279, 43.1109, 62.0154



45.9475, 43.1109, 39.1556



38.1587, 43.1109, 34.5308

Rectangle

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



36.3760, 43.1109, 55.6942



40.1164, 43.1109, 64.5837



45.9475, 43.1109, 39.1556



41.8471, 43.1109, 32.8442

Sweetspot

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



36.3773, 43.1126, 55.6952



80.4582, 87.8321, 100.9918



33.2449, 44.2435, 31.8517



17.3955, 19.1034, 22.1558



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.



36.3773, 43.1126, 55.6952



61.1189, 74.2687, 99.3931



31.0998, 32.5576, 53.9360



9.7059, 10.6042, 12.2075



15.3680, 20.8476, 35.6069



0.6304, 0.8735, 1.4042

Inverse Universe

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



38.6637, 31.5883, 49.4087



65.9612, 50.4759, 85.9417



40.0057, 41.2303, 28.4050



9.8782, 9.6756, 11.7474



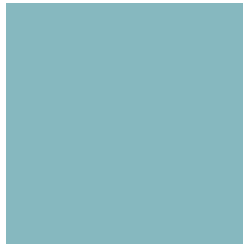
18.7578, 9.1343, 25.0819



0.7491, 0.3635, 1.0581

Previews

White Background



This preview shows how the XYZ color 36.3760, 43.1109, 55.6942 looks on a white background.

Color Contrast Check

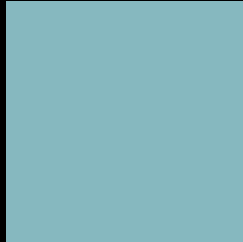
Large Text (above 18pt) WCAG AA × Fail

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 36.3760, 43.1109, 55.6942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

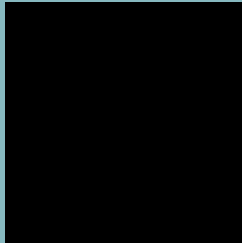
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3760, 43.1109, 55.6942

Background



This preview shows how black text looks on a background with the XYZ color 36.3760, 43.1109, 55.6942.

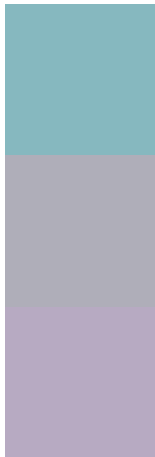


This preview shows how white text looks on a background with the XYZ color 36.3760, 43.1109,

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

36.3760, 43.1109, 55.6942

Protanopia

41.5722, 42.8888, 51.9862

Deuteranopia

43.6408, 42.7118, 56.9830



Tritanopia

37.2799, 43.1784, 59.7955

Trichromacy



Original Color

36.3760, 43.1109, 55.6942

Protanomaly

39.3872, 42.9022, 53.2187

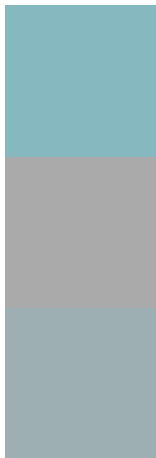
Deuteranomaly

40.4727, 42.5095, 56.5241

Tritanomaly

36.7755, 42.9580, 57.9832

Monochromacy



Original Color

36.3760, 43.1109, 55.6942

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.2705, 41.0424, 48.0771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3760, 43.1109, 55.6942 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(134, 184, 191)` looks like.

```
.text, #text, p{  
    color:rgb(134, 184, 191)  
}
```

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(134, 184, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 184, 191) }
```

Border

The CSS property to change the border of an element to XYZ 36.3760, 43.1109, 55.6942 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(134, 184, 191) }
```


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

```
.border{ border-color:rgb(134, 184, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 184, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 184, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 184, 191);  
box-shadow:4px 4px 4px 4px rgb(134, 184,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3760, 43.1109, 55.6942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 184, 191) }
```

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

```
.background{ background-color: rgb(134,  
184, 191) }
```

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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