

Converting Colors

XYZ(34.9230, 40.1904, 55.3515)

Have a look what the booklet for
XYZ(34.9230, 40.1904, 55.3515)
contains.

XYZ(34.9576, 40.2742, 55.2215)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.9576, 40.2742,
55.2215)**

Conversions

Conversions Part 1

Format	Color
Hex	86B1BF
RGB	134, 177, 191
RGB Percent	53%, 69%, 75%
CMY	0.4745, 0.3059, 0.2510
CMYK	0.30, 0.07, 0.00, 0.25
HSL	195°, 31%, 64%
HSV	195°, 30%, 75%
XYZ	34.9576, 40.2742, 55.2215
YIQ	165.7390, -30.1220, -4.7620

Conversions

Conversions Part 2

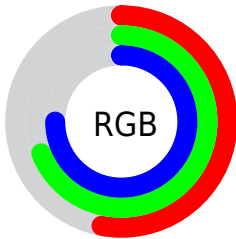
Format	Color
RYB	134, 159, 191
Decimal	8827327
CIELab	69.66, -11.01, -11.80
CIElCh	70, 16.134, 226.989
Yxy	40.2742, 0.2680, 0.3087
Android (android.graphics.Color)	4287017407 (0xFF86B1BF)
YUV	165.7390, 12.4537, -27.8351
Hunter-Lab	63.4620, -12.7329, -7.1679

Details

The XYZ color **34.9576, 40.2742, 55.2215** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.3793, 33.9777, 27.1961**, and the grayscale version is **36.0727, 37.9513, 41.3290**.

A 20% lighter version of the original color is **66.9137, 75.8120, 99.1021**, and **15.2748, 18.0441, 26.7226** is the 20% darker color. If you saturate the color by 10%, you get **31.2736, 37.0241, 54.7890**, and if you desaturate by 10%, it is **39.2257, 43.8746, 55.6922**.

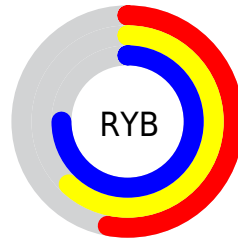
Distribution



Red (53%)

Green (69%)

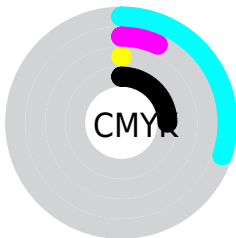
Blue (75%)



Red (53%)

Yellow (62%)

Blue (75%)

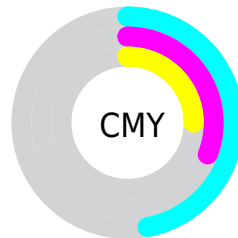


Cyan (30%)

Magenta (7%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9576, 40.2742, 55.2215 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 34.9576, 40.2742, 55.2215 by changing the saturation by 10% instead.

■ 34.9576, 40.2742,
55.2215

■ 34.9576, 40.2742,
55.2215

315.8924,
347.2779, 424.0566

■ 23.7966, 27.7524,
39.1793

■ 66.7545, 75.5809,
99.3398

■ 15.3067, 18.1391,
26.5903

■ 88.1212, 99.1345,
128.2530

■ 9.1226, 11.0499,
17.0361

■ 113.6204,
127.1343, 162.2936

■ 4.8790, 6.1004,
10.0980

143.6175,
159.9645, 201.8801

■ 2.2105, 2.9062,
5.3575

178.4779,
198.0096, 247.4312

■ 0.7483, 1.0830,
2.3961

218.5670,

■ 0.0000, 0.0000,

241.6539, 299.3652

0.7843

264.2500,
291.2819, 358.1009

■ 0.0000, 0.0000,
0.0000

■ 34.9576, 40.2742,
55.2215

■ 34.9576, 40.2742,
55.2215

■ 31.2736, 37.0241,
54.7890

■ 39.2257, 43.8746,
55.6922

■ 28.1402, 34.1037,
54.3905

■ 44.1019, 47.8354,
56.1997

■ 25.5257, 31.4972,
54.0252

■ 49.6134, 52.1718,
56.7462

■ 23.3940, 29.1853,
53.6913

■ 55.7845, 56.8968,
57.3330

■ 21.7036, 27.1464,
53.3868

■ 62.6381, 62.0229,
57.9612

■ 20.4058, 25.3547,
53.1094

■ 70.1962, 67.5616,
58.6319

■ 19.4068, 23.7614,
52.8545

■ 73.6507, 71.0348,
59.1202

■ 19.3918, 23.7370,
52.8506

■ 74.8246, 73.3827,
59.5115

■ 76.0328, 75.7990,
59.9143

Harmonies

Analogous

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



33.6783, 40.2742, 48.1861



34.9576, 40.2742, 55.2215



37.1608, 40.2742, 59.3964

Triad

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



34.9576, 40.2742, 55.2215



43.3795, 40.2742, 47.1673



36.8319, 40.2742, 31.4941

Complementary

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



34.9576, 40.2742, 55.2215



36.3793, 33.9777, 27.1961

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.



39.4203, 40.2742, 31.2875



34.9576, 40.2742, 55.2215



43.2816, 40.2742, 39.7855

Square

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



34.9576, 40.2742, 55.2215



42.0670, 40.2742, 54.4031



41.8053, 40.2742, 34.1607



34.7263, 40.2742, 34.7613

Rectangle

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



34.9576, 40.2742, 55.2215



38.8932, 40.2742, 59.7180



41.8053, 40.2742, 34.1607



37.6721, 40.2742, 31.0786

Sweetspot

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



34.9588, 40.2758, 55.2224



79.6388, 86.1935, 100.7187



33.7532, 44.4468, 34.5283



17.1873, 18.6871, 22.0864



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.



34.9588, 40.2758, 55.2224



58.0587, 68.1484, 98.3731



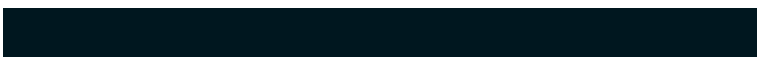
30.0154, 30.3891, 53.5746



9.6047, 10.4018, 12.1737



12.8096, 15.7310, 34.7541



0.5502, 0.7130, 1.3775

Inverse Universe

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



37.9477, 31.3018, 45.6386



64.4166, 49.8580, 77.8079



41.2759, 43.7707, 28.8282



9.8271, 9.6551, 11.4785



17.4665, 8.6177, 18.2819



0.7086, 0.3473, 0.8448

Previews

White Background



This preview shows how the XYZ color 34.9576, 40.2742, 55.2215 looks on a white background.

Color Contrast Check

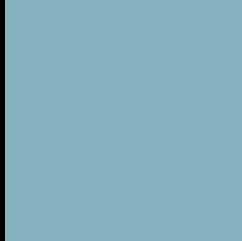
Large Text (above 18pt) WCAG AA × Fail

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 34.9576, 40.2742, 55.2215 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

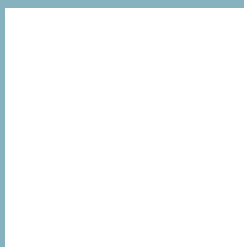
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.9576, 40.2742, 55.2215

Background



This preview shows how black text looks on a background with the XYZ color 34.9576, 40.2742, 55.2215.



This preview shows how white text looks on a background with the XYZ color 34.9576, 40.2742,

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

34.9576, 40.2742, 55.2215

Protanopia

39.1993, 40.2459, 52.1566

Deuteranopia

40.7600, 39.8745, 56.0003



Tritanopia

34.9576, 40.2742, 55.2215

Trichromacy



Original Color

34.9576, 40.2742, 55.2215

Protanomaly

37.5399, 40.2038, 53.3585

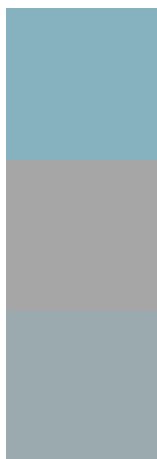
Deuteranomaly

38.1996, 39.6553, 55.5101

Tritanomaly

34.9576, 40.2742, 55.2215

Monochromacy



Original Color

34.9576, 40.2742, 55.2215

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.4390, 38.7146, 46.1623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9576, 40.2742, 55.2215 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, 177, 191)` looks like.

```
.text, #text, p{  
    color:rgb(134, 177, 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, 177, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 177, 191) }
```

Border

The CSS property to change the border of an element to XYZ 34.9576, 40.2742, 55.2215 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, 177, 191) }
```


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

```
.border{ border-color:rgb(134, 177, 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, 177, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 177, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 177, 191);  
box-shadow:4px 4px 4px 4px rgb(134, 177,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9576, 40.2742, 55.2215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 177, 191) }
```

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

```
.background{ background-color: rgb(134,  
177, 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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