

Converting Colors

XYZ(34.5998, 39.4952, 54.0891)

Have a look what the booklet for
XYZ(34.5998, 39.4952, 54.0891)
contains.

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Color

**XYZ(34.6686, 39.5683,
53.9543)**

Conversions

Conversions Part 1

Format	Color
Hex	88AFBD
RGB	136, 175, 189
RGB Percent	53%, 69%, 74%
CMY	0.4667, 0.3137, 0.2588
CMYK	0.28, 0.07, 0.00, 0.26
HSL	196°, 29%, 64%
HSV	196°, 28%, 74%
XYZ	34.6686, 39.5683, 53.9543
YIQ	164.9350, -27.7380, -3.9140

Conversions

Conversions Part 2

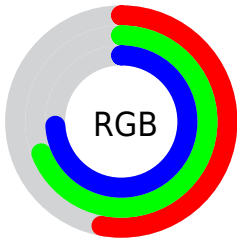
Format	Color
R _Y B	136, 158, 189
Decimal	8957885
CIE Lab	69.16, -9.83, -11.44
CIE LCh	69, 15.077, 229.332
Yxy	39.5683, 0.2704, 0.3087
Android (android.graphics.Color)	4287147965 (0xFF88AFBD)
YUV	164.9350, 11.8640, -25.3760
Hunter-Lab	62.9033, -11.7022, -6.8227

Details

The XYZ color **34.6686, 39.5683, 53.9543** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.3370, 34.4093, 28.0199**, and the grayscale version is **35.6884, 37.5470, 40.8887**.

A 20% lighter version of the original color is **66.2925, 74.6915, 97.3091**, and **15.1830, 17.8283, 25.9335** is the 20% darker color. If you saturate the color by 10%, you get **30.9122, 36.2170, 53.5061**, and if you desaturate by 10%, it is **39.0046, 43.2737, 54.4416**.

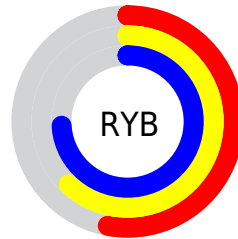
Distribution



Red (53%)

Green (69%)

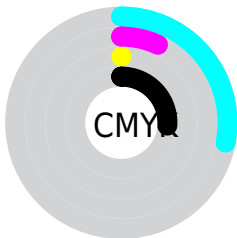
Blue (74%)



Red (53%)

Yellow (62%)

Blue (74%)

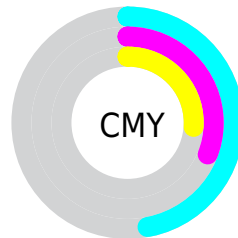


Cyan (28%)

Magenta (7%)

Yellow (0%)

Black (26%)



Cyan (47%)

Magenta (31%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6686, 39.5683, 53.9543 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 34.6686, 39.5683, 53.9543 by changing the saturation by 10% instead.

■ 34.6686, 39.5683,
53.9543

■ 34.6686, 39.5683,
53.9543

314.6368,
344.3007, 419.1054

■ 23.5730, 27.2021,
38.1722

■ 66.3095, 74.5057,
97.4629

■ 15.1402, 17.7251,
25.8135

■ 87.5855, 97.8457,
126.0264

■ 9.0048, 10.7528,
16.4597

■ 112.9857,
125.6124, 159.6875

■ 4.8015, 5.9009,
9.6921

142.8754,
158.1902, 198.8647

■ 2.1648, 2.7849,
5.0924

177.6200,
195.9636, 243.9766

■ 0.7241, 1.0205,
2.2419

217.5849,

■ 0.0000, 0.0000,

239.3168, 295.4416

0.6984

263.1354,
288.6344, 353.6784

■ 0.0000, 0.0000,
0.0000

■ 34.6686, 39.5683,
53.9543

■ 34.6686, 39.5683,
53.9543

■ 30.9122, 36.2170,
53.5061

■ 39.0046, 43.2737,
54.4416

■ 27.7030, 33.1995,
53.0928

■ 43.9433, 47.3427,
54.9667

■ 25.0107, 30.5008,
52.7138

■ 49.5109, 51.7903,
55.5318

■ 22.8007, 28.1022,
52.3673

■ 55.7309, 56.6293,
56.1380

■ 21.0335, 25.9829,
52.0514

■ 62.6257, 61.8716,
56.7864

■ 19.6632, 24.1186,
51.7637

■ 70.2165, 67.5287,
57.4783

■ 18.6188, 22.4721,
51.5010

■ 73.4587, 71.0006,
57.9775

■ 18.4301, 22.1636,
51.4514

■ 74.7100, 73.5033,
58.3947

■ 76.0001, 76.0835,
58.8247

Harmonies

Analogous

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



33.4029, 39.5683, 47.6277



34.6686, 39.5683, 53.9543



36.7571, 39.5683, 57.4861

Triad

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



34.6686, 39.5683, 53.9543



42.3489, 39.5683, 45.5871



36.0952, 39.5683, 31.7338

Complementary

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



34.6686, 39.5683, 53.9543



36.3370, 34.4093, 28.0199

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.



38.4729, 39.5683, 31.3124



34.6686, 39.5683, 53.9543



42.1531, 39.5683, 38.8373

Square

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



34.6686, 39.5683, 53.9543



41.2341, 39.5683, 52.3239



40.7100, 39.5683, 33.7801



34.2018, 39.5683, 35.0000

Rectangle

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



34.6686, 39.5683, 53.9543



38.3649, 39.5683, 57.5513



40.7100, 39.5683, 33.7801



36.8620, 39.5683, 31.2690

Sweetspot

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



34.6698, 39.5699, 53.9552



78.6202, 84.7238, 98.4358



33.7965, 43.8081, 35.2139



16.6048, 17.9738, 21.1367



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



34.6698, 39.5699, 53.9552



57.6025, 66.8944, 96.1021



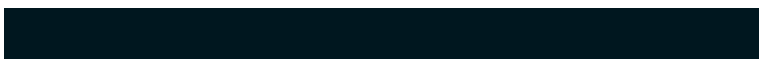
30.1265, 30.4833, 52.4408



9.5896, 10.3715, 12.1687



12.4652, 15.0422, 34.6394



0.5390, 0.6907, 1.3738

Inverse Universe

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



37.5292, 31.5232, 44.6658



63.7255, 50.3831, 76.0492



40.9073, 43.5499, 29.5434



9.8194, 9.6521, 11.4382



17.2926, 8.5482, 17.3665



0.7030, 0.3451, 0.8151

Previews

White Background



This preview shows how the XYZ color 34.6686, 39.5683, 53.9543 looks on a white background.

Color Contrast Check

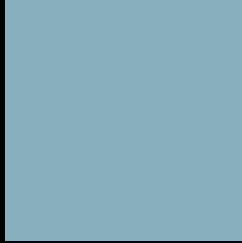
Large Text (above 18pt) WCAG AA × Fail

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 34.6686, 39.5683, 53.9543 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 34.6686, 39.5683, 53.9543

Background



This preview shows how black text looks on a background with the XYZ color 34.6686, 39.5683, 53.9543.



This preview shows how white text looks on a background with the XYZ color 34.6686, 39.5683,

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

34.6686, 39.5683, 53.9543

Protanopia

38.4068, 39.3136, 50.9114

Deuteranopia

40.1350, 39.3112, 54.7627



Tritanopia

34.6686, 39.5683, 53.9543

Trichromacy



Original Color

34.6686, 39.5683, 53.9543

Protanomaly

36.9480, 39.3625, 52.1047

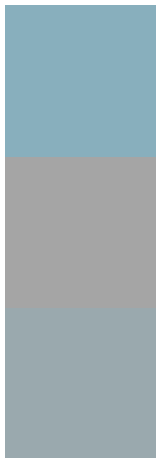
Deuteranomaly

37.7941, 39.1966, 54.2889

Tritanomaly

34.6686, 39.5683, 53.9543

Monochromacy



Original Color

34.6686, 39.5683, 53.9543

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.1544, 38.3020, 45.5846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6686, 39.5683, 53.9543 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(136, 175, 189)` looks like.

```
.text, #text, p{  
    color:rgb(136, 175, 189)  
}
```

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(136, 175, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 175, 189) }
```

Border

The CSS property to change the border of an element to XYZ 34.6686, 39.5683, 53.9543 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(136, 175, 189) }
```


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

```
.border{ border-color:rgb(136, 175, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 175, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 175, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 175, 189);  
box-shadow:4px 4px 4px 4px rgb(136, 175,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6686, 39.5683, 53.9543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 175, 189) }
```

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

```
.background{ background-color: rgb(136,  
175, 189) }
```

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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