

Converting Colors

XYZ(34.7664, 40.4469, 49.2663)

Have a look what the booklet for
XYZ(34.7664, 40.4469, 49.2663)
contains.

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Color

**XYZ(34.6078, 40.2285,
49.1209)**

Conversions

Conversions Part 1

Format	Color
Hex	8BB1B4
RGB	139, 177, 180
RGB Percent	55%, 69%, 71%
CMY	0.4549, 0.3059, 0.2941
CMYK	0.23, 0.02, 0.00, 0.29
HSL	184°, 21%, 63%
HSV	184°, 23%, 71%
XYZ	34.6078, 40.2285, 49.1209
YIQ	165.9800, -23.6110, -7.1230

Conversions

Conversions Part 2

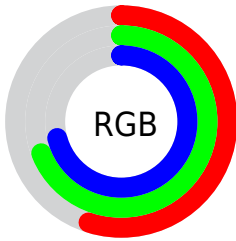
Format	Color
R_{YB}	139, 159, 180
Decimal	9154996
CIE _{Lab}	69.63, -12.06, -5.75
CIE _{LCh}	70, 13.365, 205.480
Yxy	40.2285, 0.2792, 0.3245
Android (android.graphics.Color)	4287345076 (0xFF8BB1B4)
YUV	165.9800, 6.9119, -23.6615
Hunter-Lab	63.4259, -13.5985, -1.5196

Details

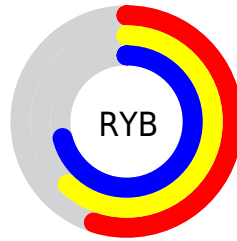
The XYZ color **34.6078, 40.2285, 49.1209** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.1560, 30.9135, 28.6463**, and the grayscale version is **36.2126, 38.0984, 41.4892**.

A 20% lighter version of the original color is **66.2716, 75.6714, 90.4700**, and **15.0629, 18.0223, 22.7634** is the 20% darker color. If you saturate the color by 10%, you get **31.5879, 38.2886, 48.9063**, and if you desaturate by 10%, it is **38.1275, 42.4318, 49.3613**.

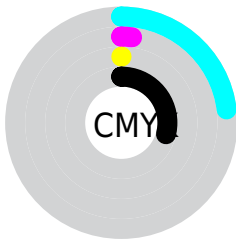
Distribution



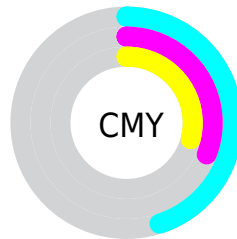
- Red (55%)
- Green (69%)
- Blue (71%)



- Red (55%)
- Yellow (62%)
- Blue (71%)



- Cyan (23%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (45%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6078, 40.2285, 49.1209 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 34.6078, 40.2285, 49.1209 by changing the saturation by 10% instead.

■ 34.6078, 40.2285,
49.1209

■ 34.6078, 40.2285,
49.1209

314.3722,
347.0857, 399.8542

■ 23.5260, 27.7167,
34.3491

■ 66.2158, 75.5113,
90.2538

■ 15.1052, 18.1122,
22.8824

■ 87.4727, 99.0512,
117.4521

■ 8.9801, 11.0306,
14.3022

■ 112.8520,
127.0359, 149.6295

■ 4.7852, 6.0874,
8.1900

142.7191,
159.8499, 187.2048

■ 2.1552, 2.8983,
4.1273

177.4393,
197.8774, 230.5963

■ 0.7190, 1.0789,
1.6954

217.3780,

■ 0.0000, 0.0000,

241.5030, 280.2227

0.3576

262.9005,
291.1109, 336.5025

■ 0.0000, 0.0000,
0.0000

■ 34.6078, 40.2285,
49.1209

■ 34.6078, 40.2285,
49.1209

■ 31.5879, 38.2886,
48.9063

■ 38.1275, 42.4318,
49.3613

■ 29.0399, 36.5947,
48.7136

■ 42.1659, 44.9052,
49.6259

■ 26.9389, 35.1350,
48.5426

■ 46.7454, 47.6613,
49.9165

■ 25.2561, 33.8944,
48.3919

■ 51.8859, 50.7104,
50.2341

■ 23.9591, 32.8566,
48.2599

■ 57.6065, 54.0623,
50.5796

■ 23.0113, 32.0023,
48.1449

■ 63.9252, 57.7263,
50.9538

■ 22.3683, 31.3089,
48.0450

■ 67.0829, 59.7644,
51.1807

■ 22.0277, 30.8741,
47.9790

■ 67.3619, 60.3224,
51.2737

■ 67.6434, 60.8855,
51.3676

Harmonies

Analogous

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



34.2432, 40.2285, 42.8712



34.6078, 40.2285, 49.1209



35.9302, 40.2285, 54.3516

Triad

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



34.6078, 40.2285, 49.1209



41.7611, 40.2285, 50.8946



38.5643, 40.2285, 32.9819

Complementary

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



34.6078, 40.2285, 49.1209



33.1560, 30.9135, 28.6463

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.



40.6383, 40.2285, 34.7143



34.6078, 40.2285, 49.1209



42.5277, 40.2285, 44.7462

Square

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



34.6078, 40.2285, 49.1209



40.0507, 40.2285, 55.4414



42.1093, 40.2285, 38.8816



36.4769, 40.2285, 33.9176

Rectangle

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



34.6078, 40.2285, 49.1209



37.2041, 40.2285, 56.3555



42.1093, 40.2285, 38.8816



39.2868, 40.2285, 33.2666

Sweetspot

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



34.6090, 40.2301, 49.1218



73.1564, 79.4121, 89.7669



31.8319, 40.0772, 31.5451



15.7191, 17.1071, 19.3958



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



34.6090, 40.2301, 49.1218



60.0766, 71.2381, 88.8786



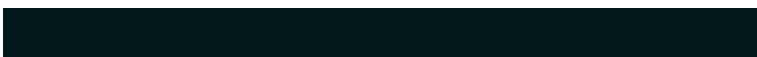
30.9040, 32.8201, 47.8868



8.6884, 9.5231, 10.8865



15.3949, 21.5903, 33.4929



0.5001, 0.7107, 1.0591

Inverse Universe

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



35.9918, 31.3437, 45.7498



63.0192, 52.5289, 81.6574



36.4448, 37.4911, 29.7425



8.8227, 8.6358, 10.5647



18.0053, 8.7197, 26.2517



0.5744, 0.2775, 0.8677

Previews

White Background



This preview shows how the XYZ color 34.6078, 40.2285, 49.1209 looks on a white background.

Color Contrast Check

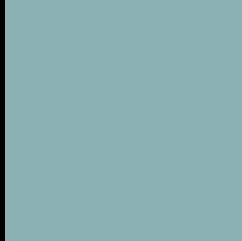
Large Text (above 18pt) WCAG AA × Fail

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 34.6078, 40.2285, 49.1209 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

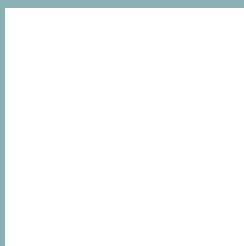
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.6078, 40.2285, 49.1209

Background



This preview shows how black text looks on a background with the XYZ color 34.6078, 40.2285, 49.1209.



This preview shows how white text looks on a background with the XYZ color 34.6078, 40.2285,

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

34.6078, 40.2285, 49.1209

Protanopia

38.7204, 40.1290, 46.2623

Deuteranopia

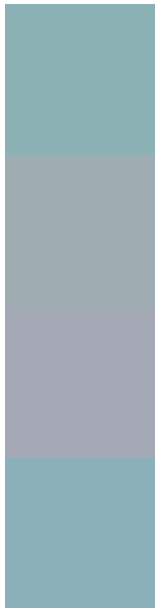
40.8248, 40.0325, 50.3751



Tritanopia

35.8041, 40.4311, 54.6321

Trichromacy



Original Color

34.6078, 40.2285, 49.1209

Protanomaly

36.9864, 40.0503, 47.3761

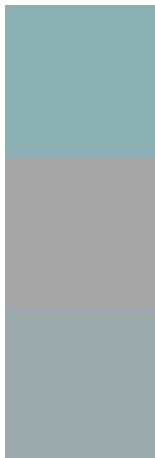
Deuteranomaly

38.1485, 39.7527, 49.9184

Tritanomaly

35.2035, 40.1713, 52.3528

Monochromacy



Original Color

34.6078, 40.2285, 49.1209

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.4357, 38.7576, 44.1414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6078, 40.2285, 49.1209 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(139, 177, 180)` looks like.

```
.text, #text, p{  
    color:rgb(139, 177, 180)  
}
```

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(139, 177, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 177, 180) }
```

Border

The CSS property to change the border of an element to XYZ 34.6078, 40.2285, 49.1209 is called "border". The border property can be set on classes, ids or directly on the HTML element.

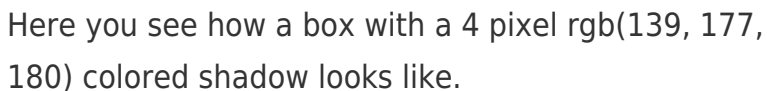
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 177, 180) }
```


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

```
.border{ border-color:rgb(139, 177, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 177, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 177, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 177, 180); box-shadow:4px 4px 4px 4px rgb(139, 177, 180) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6078, 40.2285, 49.1209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 177, 180) }
```

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

```
.background{ background-color: rgb(139,  
177, 180) }
```

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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