

Converting Colors

XYZ(34.1186, 40.3928, 42.6800)

Have a look what the booklet for
XYZ(34.1186, 40.3928, 42.6800)
contains.

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Color

**XYZ(34.0508, 40.3816,
42.5590)**

Conversions

Conversions Part 1

Format	Color
Hex	8EB2A7
RGB	142, 178, 167
RGB Percent	56%, 70%, 65%
CMY	0.4431, 0.3019, 0.3451
CMYK	0.20, 0.00, 0.06, 0.30
HSL	162°, 19%, 63%
HSV	162°, 20%, 70%
XYZ	34.0508, 40.3816, 42.5590
YIQ	165.9820, -17.9250, -11.0530

Conversions

Conversions Part 2

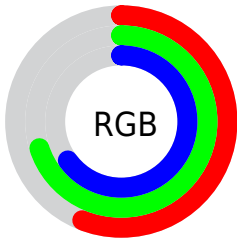
Format	Color
RYB	142, 163, 178
Decimal	9351847
CIELab	69.74, -14.46, 1.60
CIELCh	70, 14.546, 173.697
Yxy	40.3816, 0.2911, 0.3452
Android (android.graphics.Color)	4287541927 (0xFF8EB2A7)
YUV	165.9820, 0.5019, -21.0322
Hunter-Lab	63.5465, -15.5589, 4.7743

Details

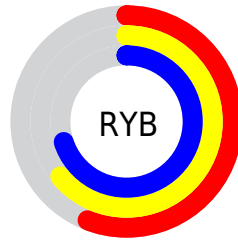
The XYZ color **34.0508, 40.3816, 42.5590** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.7843, 31.1120, 34.3634**, and the grayscale version is **36.2416, 38.1290, 41.5225**.

A 20% lighter version of the original color is **65.3726, 75.8553, 80.3033**, and **14.7425, 18.1292, 18.9419** is the 20% darker color. If you saturate the color by 10%, you get **30.7451, 38.7354, 39.8347**, and if you desaturate by 10%, it is **37.8677, 42.2910, 45.4194**.

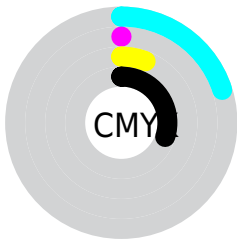
Distribution



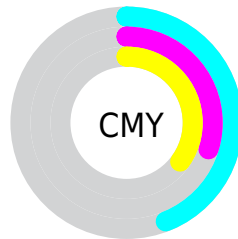
- Red (56%)
- Green (70%)
- Blue (65%)



- Red (56%)
- Yellow (64%)
- Blue (70%)



- Cyan (20%)
- Magenta (0%)
- Yellow (6%)
- Black (30%)



- Cyan (44%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0508, 40.3816, 42.5590 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 34.0508, 40.3816, 42.5590 by changing the saturation by 10% instead.

■ 34.0508, 40.3816,
42.5590

■ 34.0508, 40.3816,
42.5590

311.9404,
347.7293, 372.6628

■ 23.0957, 27.8362,
29.2104

■ 65.3564, 75.7442,
80.3242

■ 14.7853, 18.2022,
18.9931

■ 86.4377, 99.3303,
105.5778

■ 8.7542, 11.0953,
11.4885

■ 111.6250,
127.3653, 135.6369

■ 4.6370, 6.1309,
6.2782

141.2838,
160.2338, 170.9200

■ 2.0684, 2.9249,
2.9434

175.7793,
198.3200, 211.8455

■ 0.6720, 1.0926,
1.0658

215.4771,

■ 0.0000, 0.0000,

242.0084, 258.8322

0.0000

260.7423,
291.6834, 312.2984

■ 34.0508, 40.3816,
42.5590

■ 34.0508, 40.3816,
42.5590

■ 30.7451, 38.7354,
39.8347

■ 37.8677, 42.2910,
45.4194

■ 27.9238, 37.3355,
37.2413

■ 42.2141, 44.4699,
48.4155

■ 25.5628, 36.1704,
34.7771

■ 47.1118, 46.9304,
51.5505

■ 23.6346, 35.2261,
32.4396

■ 52.5801, 49.6826,
54.8265

■ 22.1084, 34.4868,
30.2259

■ 58.6375, 52.7359,
58.2457

■ 20.9494, 33.9344,
28.1328

■ 65.3016, 56.0993,
61.8101

■ 20.1168, 33.5481,
26.1570

■ 68.1903, 57.5139,
65.3158

■ 19.5343, 33.2875,
24.3337

■ 68.8589, 57.7814,
68.8368

■ 69.5506, 58.0581,
72.4793

Harmonies

Analogous

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



34.8438, 40.3816, 36.7231



34.0508, 40.3816, 42.5590



34.3794, 40.3816, 49.3940

Triad

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



34.0508, 40.3816, 42.5590



40.2319, 40.3816, 56.9568



41.1277, 40.3816, 34.3162

Complementary

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



34.0508, 40.3816, 42.5590



33.7843, 31.1120, 34.3634

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.



42.6828, 40.3816, 38.9559



34.0508, 40.3816, 42.5590



42.1509, 40.3816, 52.1097

Square

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



34.0508, 40.3816, 42.5590



37.8861, 40.3816, 58.1725



43.0647, 40.3816, 45.4092



38.8812, 40.3816, 32.2884

Rectangle

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



34.0508, 40.3816, 42.5590



35.1972, 40.3816, 53.5587



43.0647, 40.3816, 45.4092



41.7523, 40.3816, 35.5977

Sweetspot

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



34.0519, 40.3833, 42.5599



71.7973, 78.2565, 84.5706



34.0167, 40.6068, 31.6369



15.7964, 17.2825, 18.6599



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.



34.0519, 40.3833, 42.5599



59.1259, 71.9211, 75.0763



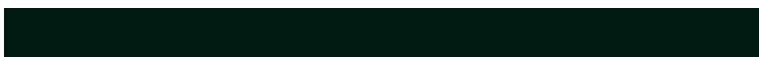
33.8311, 38.2439, 47.7202



8.6298, 9.5864, 10.3104



14.0054, 23.8281, 17.5630



0.4652, 0.7596, 0.6819

Inverse Universe

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



33.7843, 31.1120, 34.3634



58.5584, 52.2226, 57.6669



33.9282, 32.7877, 30.1323



8.5997, 8.5466, 9.3907



13.6451, 6.9756, 3.2910



0.4560, 0.2302, 0.2442

Previews

White Background



This preview shows how the XYZ color 34.0508, 40.3816, 42.5590 looks on a white background.

Color Contrast Check

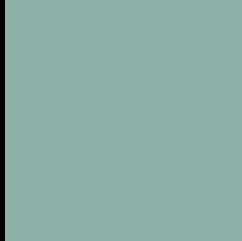
Large Text (above 18pt) WCAG AA × Fail

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 34.0508, 40.3816, 42.5590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

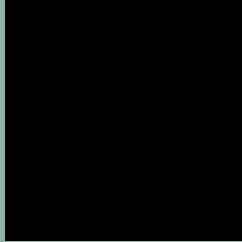
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0508, 40.3816, 42.5590

Background



This preview shows how black text looks on a background with the XYZ color 34.0508, 40.3816, 42.5590.



This preview shows how white text looks on a background with the XYZ color 34.0508, 40.3816,

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

34.0508, 40.3816, 42.5590

Protanopia

38.3888, 40.0985, 39.8989

Deuteranopia

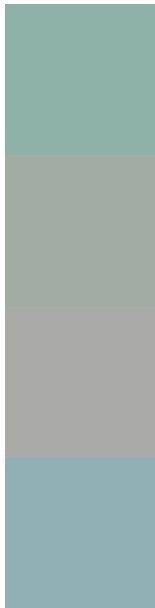
40.9605, 40.2516, 43.6407



Tritanopia

36.3693, 40.4451, 54.0339

Trichromacy



Original Color

34.0508, 40.3816, 42.5590

Protanomaly

36.5576, 39.9719, 40.9105

Deuteranomaly

38.1137, 40.1601, 43.2790

Tritanomaly

35.5429, 40.4066, 49.6420

Monochromacy



Original Color

34.0508, 40.3816, 42.5590

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.1623, 38.6707, 41.6873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0508, 40.3816, 42.5590 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(142, 178, 167)` looks like.

```
.text, #text, p{  
    color:rgb(142, 178, 167)  
}
```

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(142, 178, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 178, 167) }
```

Border

The CSS property to change the border of an element to XYZ 34.0508, 40.3816, 42.5590 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(142, 178, 167) }
```


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

```
.border{ border-color:rgb(142, 178, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 178, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 178, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 178, 167);  
box-shadow:4px 4px 4px 4px rgb(142, 178,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0508, 40.3816, 42.5590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 178, 167) }
```

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

```
.background{ background-color: rgb(142,  
178, 167) }
```

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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