

Converting Colors

XYZ(35.2125, 40.6347, 52.4424)

Have a look what the booklet for
XYZ(35.2125, 40.6347, 52.4424)
contains.

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Color

**XYZ(35.2646, 40.7892,
52.4688)**

Conversions

Conversions Part 1

Format	Color
Hex	8AB2BA
RGB	138, 178, 186
RGB Percent	54%, 70%, 73%
CMY	0.4588, 0.3019, 0.2706
CMYK	0.26, 0.04, 0.00, 0.27
HSL	190°, 26%, 64%
HSV	190°, 26%, 73%
XYZ	35.2646, 40.7892, 52.4688
YIQ	166.9520, -26.4080, -5.9920

Conversions

Conversions Part 2

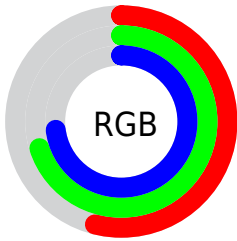
Format	Color
RYB	138, 160, 186
Decimal	9089722
CIELab	70.03, -11.53, -8.48
CIElCh	70, 14.307, 216.324
Yxy	40.7892, 0.2744, 0.3174
Android (android.graphics.Color)	4287279802 (0xFF8AB2BA)
YUV	166.9520, 9.3907, -25.3909
Hunter-Lab	63.8664, -13.2054, -4.0026

Details

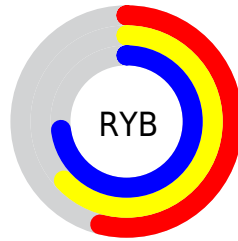
The XYZ color **35.2646, 40.7892, 52.4688** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.1166, 32.8323, 28.5323**, and the grayscale version is **36.6731, 38.5830, 42.0169**.

A 20% lighter version of the original color is **67.1881, 76.4629, 95.2220**, and **15.4050, 18.3391, 24.9182** is the 20% darker color. If you saturate the color by 10%, you get **31.8375, 38.1183, 52.1346**, and if you desaturate by 10%, it is **39.2351, 43.7629, 52.8342**.

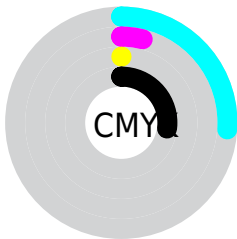
Distribution



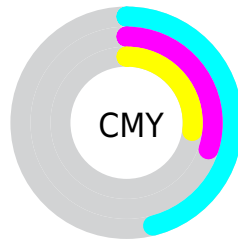
- Red (54%)
- Green (70%)
- Blue (73%)



- Red (54%)
- Yellow (63%)
- Blue (73%)



- Cyan (26%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)





- Cyan (46%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2646, 40.7892, 52.4688 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 35.2646, 40.7892, 52.4688 by changing the saturation by 10% instead.


 35.2646, 40.7892,
52.4688


 35.2646, 40.7892,
52.4688


317.2223,
349.4388, 413.2521


 24.0342, 28.1544,
36.9941

 67.2268, 76.3638,
95.2559

 15.4839, 18.4421,
24.9071

 88.6893, 100.0724,
123.4053

 9.2482, 11.2678,
15.7895


 114.2933,
128.2410, 156.6167

 4.9618, 6.2473,
9.2226

144.4041,
161.2541, 195.3086

 2.2594, 2.9960,
4.7879

179.3871,
199.4960, 239.8995

 0.7738, 1.1297,
2.0668

219.6075,

 0.0000, 0.0031,

243.3512, 290.8081

0.5959

265.4308,
293.2040, 348.4528

■ 0.0000, 0.0000,
0.0000

■ 35.2646, 40.7892,
52.4688

■ 35.2646, 40.7892,
52.4688

■ 31.8375, 38.1183,
52.1346

■ 39.2351, 43.7629,
52.8342

■ 28.9232, 35.7313,
51.8274

■ 43.7703, 47.0476,
53.2292

■ 26.4936, 33.6146,
51.5469

■ 48.8950, 50.6571,
53.6558

■ 24.5164, 31.7514,
51.2915

■ 54.6312, 54.6029,
54.1151

■ 22.9551, 30.1228,
51.0594

■ 60.9998, 58.8960,
54.6080

■ 21.7677, 28.7069,
50.8487

■ 68.0208, 63.5467,
55.1357

■ 20.9010, 27.4761,
50.6568

■ 70.6875, 65.9742,
55.4637

■ 20.5858, 26.9907,
50.5797

■ 71.4112, 67.4216,
55.7049

■ 72.1495, 68.8982,
55.9510

Harmonies

Analogous

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



34.4775, 40.7892, 45.8433



35.2646, 40.7892, 52.4688



36.9947, 40.7892, 57.2533

Triad

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



35.2646, 40.7892, 52.4688



43.0257, 40.7892, 49.7759



38.2767, 40.7892, 32.8242

Complementary

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



35.2646, 40.7892, 52.4688



35.1166, 32.8323, 28.5323

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.



40.5990, 40.7892, 33.6513



35.2646, 40.7892, 52.4688



43.4024, 40.7892, 43.0117

Square

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



35.2646, 40.7892, 52.4688



41.4884, 40.7892, 55.5927



42.4980, 40.7892, 37.2262



36.1710, 40.7892, 34.8417

Rectangle

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



35.2646, 40.7892, 52.4688



38.4819, 40.7892, 58.5124



42.4980, 40.7892, 37.2262



39.0573, 40.7892, 32.7818

Sweetspot

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



35.2658, 40.7908, 52.4697



77.3286, 83.8383, 96.3082



33.1673, 42.5724, 33.3392



16.7479, 18.2602, 21.1844



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.



35.2658, 40.7908, 52.4697



60.2568, 71.1051, 94.7502



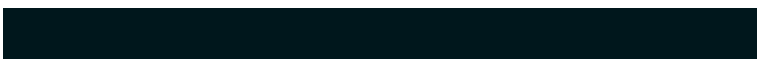
31.0332, 32.3257, 51.0589



9.1359, 9.9490, 11.5183



13.8964, 18.2524, 34.0437



0.5241, 0.7119, 1.2115

Inverse Universe

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



37.3751, 31.8315, 46.2954



64.7965, 52.3132, 81.3515



39.0632, 40.7254, 29.8478



9.3149, 9.1363, 11.0058



17.6279, 8.6249, 21.7252



0.6387, 0.3110, 0.8569

Previews

White Background



This preview shows how the XYZ color 35.2646, 40.7892, 52.4688 looks on a white background.

Color Contrast Check

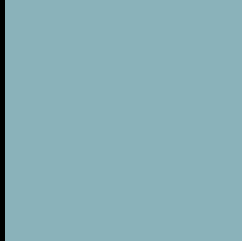
Large Text (above 18pt) WCAG AA × Fail

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 35.2646, 40.7892, 52.4688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

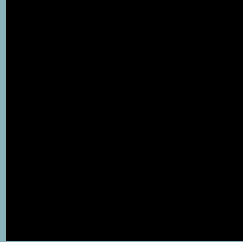
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2646, 40.7892, 52.4688

Background



This preview shows how black text looks on a background with the XYZ color 35.2646, 40.7892, 52.4688.



This preview shows how white text looks on a background with the XYZ color 35.2646, 40.7892,

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

35.2646, 40.7892, 52.4688

Protanopia

39.5098, 40.7436, 49.4980

Deuteranopia

41.3037, 40.4870, 53.2148



Tritanopia

35.7736, 40.6948, 55.2596

Trichromacy



Original Color

35.2646, 40.7892, 52.4688

Protanomaly

37.7889, 40.6770, 50.6595

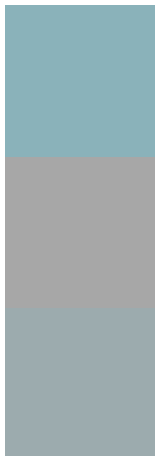
Deuteranomaly

38.6542, 40.2298, 52.7415

Tritanomaly

35.5549, 40.6074, 54.1082

Monochromacy



Original Color

35.2646, 40.7892, 52.4688

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.9132, 39.2497, 45.7275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2646, 40.7892, 52.4688 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(138, 178, 186)` looks like.

```
.text, #text, p{  
    color:rgb(138, 178, 186)  
}
```

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(138, 178, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 178, 186) }
```

Border

The CSS property to change the border of an element to XYZ 35.2646, 40.7892, 52.4688 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(138, 178, 186) }
```


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

```
.border{ border-color:rgb(138, 178, 186) }
```

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

Here you see how a box with a 4 pixel rgb(138, 178, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 178, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 178, 186);  
box-shadow:4px 4px 4px 4px rgb(138, 178,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2646, 40.7892, 52.4688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 178, 186) }
```

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

```
.background{ background-color: rgb(138,  
178, 186) }
```

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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