

Converting Colors

XYZ(34.5735, 41.8706, 52.8079)

Have a look what the booklet for
XYZ(34.5735, 41.8706, 52.8079)
contains.

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Color

**XYZ(34.5488, 41.9242,
52.7256)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB7BA
RGB	127, 183, 186
RGB Percent	50%, 72%, 73%
CMY	0.5020, 0.2823, 0.2706
CMYK	0.32, 0.02, 0.00, 0.27
HSL	183°, 30%, 61%
HSV	183°, 32%, 73%
XYZ	34.5488, 41.9242, 52.7256
YIQ	166.5980, -34.3390, -10.9390

Conversions

Conversions Part 2

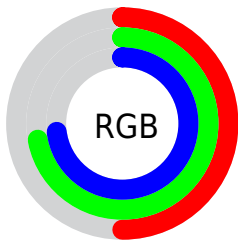
Format	Color
RYB	127, 156, 186
Decimal	8370106
CIELab	70.82, -17.38, -7.37
CIELCh	71, 18.879, 202.969
Yxy	41.9242, 0.2674, 0.3245
Android (android.graphics.Color)	4286560186 (0xFF7FB7BA)
YUV	166.5980, 9.5652, -34.7274
Hunter-Lab	64.7489, -18.0663, -2.9561

Details

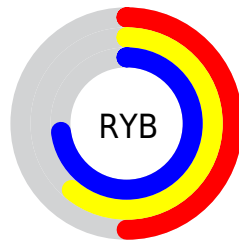
The XYZ color **34.5488, 41.9242, 52.7256** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.0636, 27.9369, 23.7820**, and the grayscale version is **36.5031, 38.4041, 41.8221**.

A 20% lighter version of the original color is **66.1849, 78.0889, 95.5887**, and **15.1179, 19.1546, 25.0907** is the 20% darker color. If you saturate the color by 10%, you get **31.8364, 40.2385, 52.5439**, and if you desaturate by 10%, it is **37.7764, 43.8795, 52.9336**.

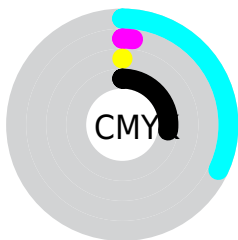
Distribution



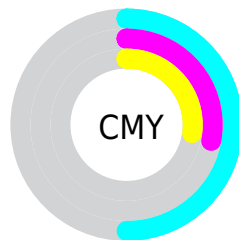
- Red (50%)
- Green (72%)
- Blue (73%)



- Red (50%)
- Yellow (61%)
- Blue (73%)



- Cyan (32%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)





- Cyan (50%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5488, 41.9242, 52.7256 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 34.5488, 41.9242, 52.7256 by changing the saturation by 10% instead.


 34.5488, 41.9242,
52.7256


 34.5488, 41.9242,
52.7256


314.1153,
354.1686, 414.2679


 23.4804, 29.0419,
37.1975


 66.1248, 78.0849,
95.6379

 15.0713, 19.1126,
25.0635


 87.3632, 102.1321,
123.8593

 8.9561, 11.7516,
15.9049

 112.7222,
130.6698, 157.1488

 4.7694, 6.5748,
9.3033

142.5673,
164.0823, 195.9250

 2.1460, 3.1976,
4.8400

177.2638,
202.7540, 240.6065

 0.7140, 1.2358,
2.0966

217.1771,

 0.0000, 0.0906,

247.0694, 291.6118

0.6137

262.6724,
297.4128, 349.3594

■ 0.0000, 0.0000,
0.0000

■ 34.5488, 41.9242,
52.7256

■ 34.5488, 41.9242,
52.7256

■ 31.8364, 40.2385,
52.5439

■ 37.7764, 43.8795,
52.9336

■ 29.6072, 38.8029,
52.3843

■ 41.5415, 46.1128,
53.1662

■ 27.8317, 37.6030,
52.2463

■ 45.8696, 48.6382,
53.4256

■ 26.4753, 36.6212,
52.1282

■ 50.7834, 51.4676,
53.7127

■ 25.4986, 35.8370,
52.0284

■ 56.3045, 54.6120,
54.0286

■ 24.8547, 35.2263,
51.9444

■ 62.4533, 58.0820,
54.3743

■ 24.4966, 34.8123,
51.8834

■ 68.4341, 61.4673,
54.7125

■ 68.6389, 61.8769,
54.7808

■ 68.8451, 62.2892,
54.8495

Harmonies

Analogous

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



34.1568, 41.9242, 43.5665



34.5488, 41.9242, 52.7256



36.3248, 41.9242, 60.8718

Triad

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



34.5488, 41.9242, 52.7256



44.8588, 41.9242, 56.8607



40.5905, 41.9242, 30.5623

Complementary

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



34.5488, 41.9242, 52.7256



32.0636, 27.9369, 23.7820

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.



43.5913, 41.9242, 33.2015



34.5488, 41.9242, 52.7256



46.1380, 41.9242, 47.7955

Square

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



34.5488, 41.9242, 52.7256



42.2478, 41.9242, 63.4695



45.6625, 41.9242, 39.2345



37.5403, 41.9242, 31.5207

Rectangle

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



34.5488, 41.9242, 52.7256



38.1072, 41.9242, 64.2348



45.6625, 41.9242, 39.2345



41.6404, 41.9242, 31.0451

Sweetspot

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



34.5500, 41.9259, 52.7266



76.4465, 84.2571, 96.4355



30.3380, 41.2410, 27.4637



16.6042, 18.4194, 21.2227



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.



34.5500, 41.9259, 52.7266



59.1285, 73.8290, 95.3354



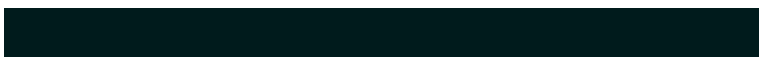
29.0976, 31.0210, 50.9091



9.2265, 10.1303, 11.5485



16.4973, 23.4542, 34.9107



0.5936, 0.8509, 1.2347

Inverse Universe

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



36.3873, 29.0377, 48.4887



63.0112, 46.9445, 86.3004



36.5569, 36.9236, 25.2797



9.3607, 9.1546, 11.2468



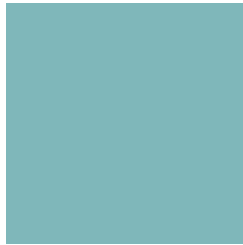
18.9407, 9.1501, 28.6384



0.6738, 0.3250, 1.0415

Previews

White Background



This preview shows how the XYZ color 34.5488, 41.9242, 52.7256 looks on a white background.

Color Contrast Check

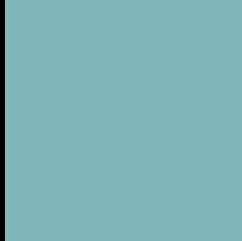
Large Text (above 18pt) WCAG AA × Fail

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 34.5488, 41.9242, 52.7256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

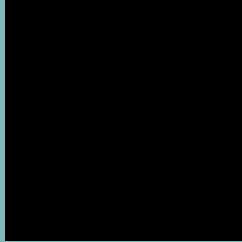
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.5488, 41.9242, 52.7256

Background



This preview shows how black text looks on a background with the XYZ color 34.5488, 41.9242, 52.7256.



This preview shows how white text looks on a background with the XYZ color 34.5488, 41.9242,

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

34.5488, 41.9242, 52.7256

Protanopia

40.3448, 41.7584, 48.5816

Deuteranopia

42.4793, 41.6245, 53.9395



Tritanopia

35.5409, 41.7004, 58.4003

Trichromacy



Original Color

34.5488, 41.9242, 52.7256

Protanomaly

37.8735, 41.5962, 50.2887

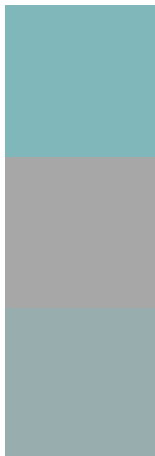
Deuteranomaly

38.9210, 41.1994, 53.4779

Tritanomaly

35.1445, 41.8509, 56.0949

Monochromacy



Original Color

34.5488, 41.9242, 52.7256

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.5324, 39.6185, 45.8188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5488, 41.9242, 52.7256 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(127, 183, 186)` looks like.

```
.text, #text, p{  
    color:rgb(127, 183, 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(127, 183, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 183, 186) }
```

Border

The CSS property to change the border of an element to XYZ 34.5488, 41.9242, 52.7256 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(127, 183, 186) }
```


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

```
.border{ border-color:rgb(127, 183, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 183, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 183, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 183, 186); box-shadow:4px 4px 4px 4px rgb(127, 183, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5488, 41.9242, 52.7256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 183, 186) }
```

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

```
.background{ background-color: rgb(127,  
183, 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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