

Converting Colors

XYZ(36.4489, 41.7206, 51.4792)

Have a look what the booklet for
XYZ(36.4489, 41.7206, 51.4792)
contains.

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Color

**XYZ(36.4489, 41.7206,
51.4792)**

Conversions

Conversions Part 1

Format	Color
Hex	91B3B8
RGB	145, 179, 184
RGB Percent	57%, 70%, 72%
CMY	0.4314, 0.2980, 0.2784
CMYK	0.21, 0.03, 0.00, 0.28
HSL	188°, 22%, 65%
HSV	188°, 21%, 72%
XYZ	36.4489, 41.7206, 51.4792
YIQ	169.4040, -21.8690, -5.6530

Conversions

Conversions Part 2

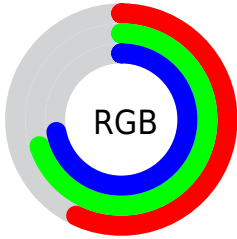
Format	Color
RYB	145, 163, 184
Decimal	9548728
CIELab	70.68, -10.35, -6.36
CIElCh	71, 12.150, 211.579
Yxy	41.7206, 0.2811, 0.3218
Android (android.graphics.Color)	4287738808 (0xFF91B3B8)
YUV	169.4040, 7.1958, -21.4023
Hunter-Lab	64.5915, -12.3078, -2.0399

Details

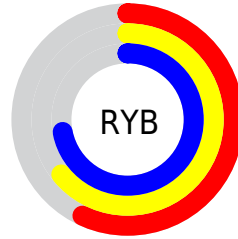
The XYZ color **36.4489, 41.7206, 51.4792** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.7848, 34.0476, 31.4748**, and the grayscale version is **37.8863, 39.8594, 43.4069**.

A 20% lighter version of the original color is **68.9897, 77.8500, 93.8285**, and **16.1737, 18.9401, 24.2761** is the 20% darker color. If you saturate the color by 10%, you get **32.9973, 39.2467, 51.1843**, and if you desaturate by 10%, it is **40.4361, 44.4848, 51.8033**.

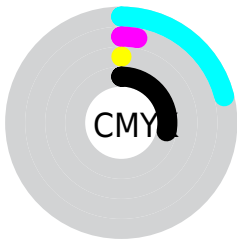
Distribution



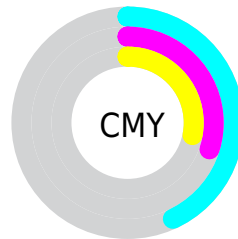
- Red (57%)
- Green (70%)
- Blue (72%)



- Red (57%)
- Yellow (64%)
- Blue (72%)



- Cyan (21%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (43%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4489, 41.7206, 51.4792 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 36.4489, 41.7206, 51.4792 by changing the saturation by 10% instead.

■ 36.4489, 41.7206,
51.4792

■ 36.4489, 41.7206,
51.4792

322.3155,
353.3234, 409.3223

■ 24.9528, 28.8826,
36.2107

■ 69.0437, 77.7766,
93.7815

■ 16.1704, 18.9920,
24.3060

■ 90.8732, 101.7633,
121.6523

■ 9.7365, 11.6645,
15.3465

116.8777,
130.2351, 154.5611

■ 5.2855, 6.5157,
8.9136

147.4228,
163.5764, 192.9263

■ 2.4522, 3.1611,
4.5888

182.8738,
202.1714, 237.1665

■ 0.8712, 1.2164,
1.9536

223.5960,

■ 0.0000, 0.0750,

246.4047, 287.7002

0.5265

269.9548,
296.6605, 344.9460

■ 0.0000, 0.0000,
0.0000

■ 36.4489, 41.7206,
51.4792

■ 36.4489, 41.7206,
51.4792

■ 32.9973, 39.2467,
51.1843

■ 40.4361, 44.4848,
51.8033

■ 30.0525, 37.0449,
50.9145

■ 44.9789, 47.5463,
52.1548

■ 27.5882, 35.1027,
50.6695

■ 50.1007, 50.9185,
52.5357

■ 25.5745, 33.4047,
50.4479

■ 55.8223, 54.6120,
52.9471

■ 23.9780, 31.9335,
50.2481

■ 62.1636, 58.6373,
53.3898

■ 22.7607, 30.6694,
50.0682

■ 68.9953, 62.9276,
53.8579

■ 21.8772, 29.5891,
49.9063

■ 69.5213, 63.9796,
54.0332

■ 21.2959, 28.7488,
49.7747

■ 70.0556, 65.0482,
54.2113

■ 70.5983, 66.1337,
54.3922

Harmonies

Analogous

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



35.9114, 41.7206, 45.7327



36.4489, 41.7206, 51.4792



37.8413, 41.7206, 55.8840

Triad

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



36.4489, 41.7206, 51.4792



43.1548, 41.7206, 50.9065



39.5477, 41.7206, 35.2271

Complementary

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



36.4489, 41.7206, 51.4792



35.7848, 34.0476, 31.4748

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.



41.5241, 41.7206, 36.3627



36.4489, 41.7206, 51.4792



43.6484, 41.7206, 45.1220

Square

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



36.4489, 41.7206, 51.4792



41.7148, 41.7206, 55.5342



43.0421, 41.7206, 39.8681



37.6626, 41.7206, 36.6265

Rectangle

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



36.4489, 41.7206, 51.4792



39.0903, 41.7206, 57.2917



43.0421, 41.7206, 39.8681



40.2234, 41.7206, 35.3245

Sweetspot

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



36.4501, 41.7223, 51.4801



77.3671, 83.3980, 94.2243



34.2872, 42.4890, 35.0595



16.5648, 17.9020, 20.3040



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



36.4501, 41.7223, 51.4801



63.3161, 73.6746, 93.0881



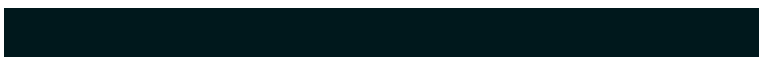
32.8918, 34.6056, 50.2940



9.1659, 10.0089, 11.5283



14.7129, 19.8855, 34.3159



0.5463, 0.7563, 1.2189

Inverse Universe

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



38.0302, 33.6968, 47.1494



66.6777, 56.8519, 83.8185



39.0760, 40.6301, 32.5719



9.3301, 9.1424, 11.0855



18.0401, 8.7898, 23.8956



0.6499, 0.3154, 0.9158

Previews

White Background



This preview shows how the XYZ color 36.4489, 41.7206, 51.4792 looks on a white background.

Color Contrast Check

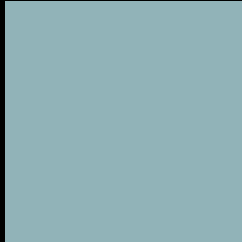
Large Text (above 18pt) WCAG AA × Fail

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 36.4489, 41.7206, 51.4792 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

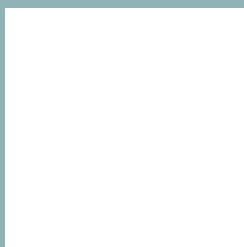
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.4489, 41.7206, 51.4792

Background



This preview shows how black text looks on a background with the XYZ color 36.4489, 41.7206, 51.4792.



This preview shows how white text looks on a background with the XYZ color 36.4489, 41.7206,

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

36.4489, 41.7206, 51.4792

Protanopia

40.1228, 41.6440, 48.5712

Deuteranopia

42.3940, 41.6177, 52.2530



Tritanopia

37.4674, 41.8496, 55.9722

Trichromacy



Original Color

36.4489, 41.7206, 51.4792

Protanomaly

38.7747, 41.7827, 49.7373

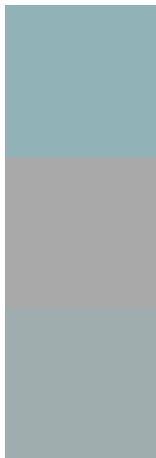
Deuteranomaly

39.8717, 41.4428, 51.7967

Tritanomaly

36.9598, 41.6259, 54.2307

Monochromacy



Original Color

36.4489, 41.7206, 51.4792

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.0808, 40.4167, 45.8912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4489, 41.7206, 51.4792 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(145, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(145, 179, 184)  
}
```

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(145, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 179, 184) }
```

Border

The CSS property to change the border of an element to XYZ 36.4489, 41.7206, 51.4792 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(145, 179, 184) }
```


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

```
.border{ border-color:rgb(145, 179, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(145, 179,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4489, 41.7206, 51.4792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 179, 184) }
```

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

```
.background{ background-color: rgb(145,  
179, 184) }
```

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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