

Converting Colors

XYZ(35.1830, 48.2040, 32.2056)

Have a look what the booklet for
XYZ(35.1830, 48.2040, 32.2056)
contains.

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Color

**XYZ(35.2194, 48.2703,
32.2718)**

Conversions

Conversions Part 1

Format	Color
Hex	86C88C
RGB	134, 200, 140
RGB Percent	53%, 78%, 55%
CMY	0.4745, 0.2157, 0.4510
CMYK	0.33, 0.00, 0.30, 0.22
HSL	125°, 38%, 65%
HSV	125°, 33%, 78%
XYZ	35.2194, 48.2703, 32.2718
YIQ	173.4260, -20.0760, -32.6520

Conversions

Conversions Part 2

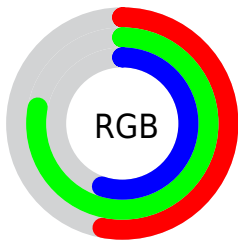
Format	Color
RYB	134, 195, 200
Decimal	8833164
CIELab	75.00, -33.09, 23.54
CIElCh	75, 40.610, 144.572
Yxy	48.2703, 0.3042, 0.4170
Android (android.graphics.Color)	4287023244 (0xFF86C88C)
YUV	173.4260, -16.4790, -34.5766
Hunter-Lab	69.4768, -31.0987, 21.0937

Details

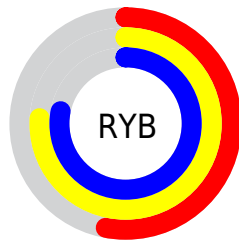
The XYZ color **35.2194, 48.2703, 32.2718** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.0837, 33.2256, 55.2359**, and the grayscale version is **40.0280, 42.1125, 45.8606**.

A 20% lighter version of the original color is **66.4839, 86.2339, 64.1797**, and **15.4754, 23.0284, 13.0805** is the 20% darker color. If you saturate the color by 10%, you get **31.0964, 46.2885, 25.6496**, and if you desaturate by 10%, it is **40.1693, 50.6555, 40.0912**.

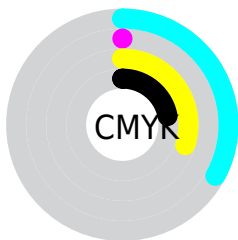
Distribution



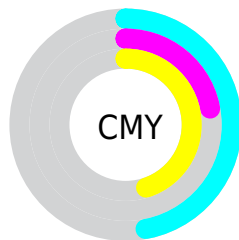
- Red (53%)
- Green (78%)
- Blue (55%)



- Red (53%)
- Yellow (76%)
- Blue (78%)



- Cyan (33%)
- Magenta (0%)
- Yellow (30%)
- Black (22%)




- Cyan (47%)
- Magenta (22%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2194, 48.2703, 32.2718 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 35.2194, 48.2703, 32.2718 by changing the saturation by 10% instead.


 35.2194, 48.2703,
32.2718


 35.2194, 48.2703,
32.2718


317.0268,
379.8625, 326.8863


 23.9992, 34.0410,
21.3027


 67.1573, 87.6067,
64.3398

 15.4578, 22.9251,
13.1520


 88.6057, 113.4826,
86.2757

 9.2297, 14.5382,
7.4014

 114.1943,
144.0095, 112.7043

 4.9496, 8.4959,
3.6321

144.2884,
179.5718, 144.0441

 2.2522, 4.4139,
1.4258

179.2533,
220.5538, 180.7137

 0.7700, 1.9077,
0.1617

219.4545,

 0.0000, 0.5530,

267.3400, 223.1316

0.0000

265.2572,
320.3148, 271.7163

■ 0.0000, 0.0000,
0.0000

■ 35.2194, 48.2703,
32.2718

■ 35.2194, 48.2703,
32.2718

■ 31.0964, 46.2885,
25.6496

■ 40.1693, 50.6555,
40.0912

■ 27.7517, 44.6822,
20.1624

■ 45.9839, 53.4584,
49.1593

■ 25.1371, 43.4294,
15.7475

■ 52.7032, 56.6997,
59.5286

■ 23.1979, 42.5032,
12.3347

■ 60.3635, 60.3973,
71.2475

■ 21.8712, 41.8730,
9.8455

■ 68.9992, 64.5679,
84.3623

■ 21.0824, 41.5022,
8.1897

■ 78.6430, 69.2273,
98.9166

■ 20.7659, 41.3547,
7.4680

■ 79.9452, 69.7904,
103.8651

Harmonies

Analogous

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



40.2050, 48.2703, 23.4928



35.2194, 48.2703, 32.2718



33.1046, 48.2703, 48.7911

Triad

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



35.2194, 48.2703, 32.2718



44.5445, 48.2703, 104.5577



60.0984, 48.2703, 37.3478

Complementary

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



35.2194, 48.2703, 32.2718



42.0837, 33.2256, 55.2359

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.



61.5790, 48.2703, 56.5143



35.2194, 48.2703, 32.2718



52.0643, 48.2703, 99.0987

Square

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



35.2194, 48.2703, 32.2718



38.1044, 48.2703, 93.3222



58.4989, 48.2703, 79.9444



54.6462, 48.2703, 25.8229

Rectangle

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



35.2194, 48.2703, 32.2718



33.4230, 48.2703, 63.5098



58.4989, 48.2703, 79.9444



61.1002, 48.2703, 42.9439

Sweetspot

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



35.2207, 48.2723, 32.2729



82.7726, 94.0763, 90.0047



47.3360, 54.5678, 30.5924



17.3757, 19.9717, 18.7369



0.0000, 0.0000, 0.0000



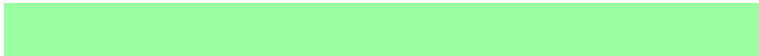
20.3446, 21.4041, 23.3091

Same Dimension

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



35.2207, 48.2723, 32.2729



55.4428, 80.9107, 47.0053



37.9817, 49.3767, 46.8122



10.5360, 11.9033, 11.5067



13.2178, 26.2995, 4.8256



0.6396, 1.2508, 0.3009

Inverse Universe

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



42.0837, 33.2256, 55.2359



69.2238, 50.6795, 93.1023



38.8231, 31.9214, 38.0661



11.0399, 10.7994, 13.1935



20.5192, 9.9573, 29.0079



0.9841, 0.4765, 1.4392

Previews

White Background



This preview shows how the XYZ color 35.2194, 48.2703, 32.2718 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 35.2194, 48.2703, 32.2718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

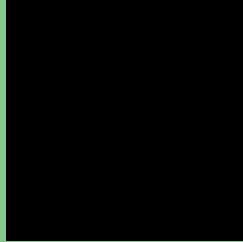
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.2194, 48.2703, 32.2718

Background



This preview shows how black text looks on a background with the XYZ color 35.2194, 48.2703, 32.2718.



This preview shows how white text looks on a background with the XYZ color 35.2194, 48.2703,

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

35.2194, 48.2703, 32.2718

Protanopia

44.6628, 47.9802, 29.0974

Deuteranopia

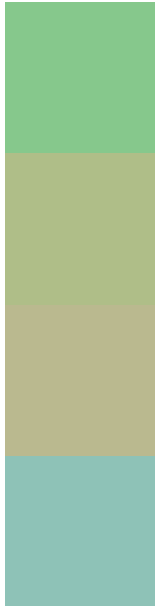
48.6605, 47.5421, 33.3999



Tritanopia

41.9259, 47.9696, 66.0808

Trichromacy



Original Color

35.2194, 48.2703, 32.2718

Protanomaly

40.5366, 47.7184, 30.3666

Deuteranomaly

42.5566, 47.1202, 32.8387

Tritanomaly

38.9944, 47.7533, 51.9618

Monochromacy



Original Color

35.2194, 48.2703, 32.2718

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

37.6646, 43.8111, 40.1895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2194, 48.2703, 32.2718 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(134, 200, 140)` looks like.

```
.text, #text, p{  
    color:rgb(134, 200, 140)  
}
```

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(134, 200, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 200, 140) }
```

Border

The CSS property to change the border of an element to XYZ 35.2194, 48.2703, 32.2718 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(134, 200, 140) }
```


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

```
.border{ border-color:rgb(134, 200, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 200, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 200, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 200, 140);  
box-shadow:4px 4px 4px 4px rgb(134, 200,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2194, 48.2703, 32.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 200, 140) }
```

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

```
.background{ background-color: rgb(134,  
200, 140) }
```

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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