

Converting Colors

XYZ(47.7923, 54.1528, 34.2541)

Have a look what the booklet for
XYZ(47.7923, 54.1528, 34.2541)
contains.

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Color

**XYZ(47.7338, 54.0039,
34.2935)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C3C690 |
| RGB | 195, 198, 144 |
| RGB Percent | 76%, 78%, 56% |
| CMY | 0.2353, 0.2235, 0.4353 |
| CMYK | 0.02, 0.00, 0.27, 0.22 |
| HSL | 63°, 32%, 67% |
| HSV | 63°, 27%, 78% |
| XYZ | 47.7338, 54.0039, 34.2935 |
| YIQ | 190.9470, 15.5460, -17.4300 |

Conversions

Conversions Part 2

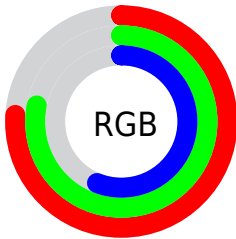
| Format | Color |
|-------------------------------------|--|
| RYB | 144, 198, 147 |
| Decimal | 12830352 |
| CIELab | 78.46, -9.74, 26.79 |
| CIELCh | 78, 28.508, 109.973 |
| Yxy | 54.0039, 0.3509, 0.3970 |
| Android (android.graphics.Color) | 4291020432 (0xFFC3C690) |
| YUV | 190.9470, -23.1449, 3.5545 |
| Hunter-Lab | 73.4873, -12.6580, 23.7730 |

Details

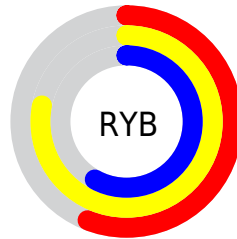
The XYZ color **47.7338, 54.0039, 34.2935** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.2010, 30.2282, 57.5666**, and the grayscale version is **49.6153, 52.1992, 56.8449**.

A 20% lighter version of the original color is **86.0979, 96.2927, 67.4746**, and **22.9335, 26.3996, 14.2428** is the 20% darker color. If you saturate the color by 10%, you get **46.0682, 53.3068, 26.9968**, and if you desaturate by 10%, it is **49.6697, 54.8132, 42.9906**.

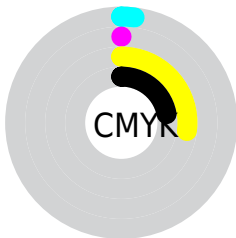
Distribution



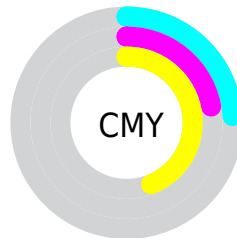
- Red (76%)
- Green (78%)
- Blue (56%)



- Red (56%)
- Yellow (78%)
- Blue (58%)



- Cyan (2%)
- Magenta (0%)
- Yellow (27%)
- Black (22%)




- Cyan (24%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7338, 54.0039, 34.2935 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 47.7338, 54.0039, 34.2935 by changing the saturation by 10% instead.


 47.7338, 54.0039,
34.2935


 47.7338, 54.0039,
34.2935


368.3362,
402.1249, 336.2478

 33.8265, 38.6048,
22.8400


 86.0200, 96.0800,
67.5289

 22.9226, 26.4524,
14.2712


 111.1297,
123.5257, 90.1479

 14.6567, 17.1624,
8.1686


140.7041,
155.7558, 117.3258

 8.6636, 10.3503,
4.1137

175.1087,
193.1546, 149.4812

 4.5778, 5.6319,
1.6879

214.7089,
236.1065, 187.0325

 2.0339, 2.6225,
0.3524

259.8700,

 0.6529, 0.9380,

284.9959, 230.3983

0.0000

310.9573,
340.2072, 279.9973

■ 0.0000, 0.0000,
0.0000

■ 47.7338, 54.0039,
34.2935

■ 47.7338, 54.0039,
34.2935

■ 46.0682, 53.3068,
26.9968

■ 49.6697, 54.8132,
42.9906

■ 44.6549, 52.7089,
21.0240

■ 51.8847, 55.7324,
53.1523

■ 43.4802, 52.2067,
16.2966

■ 54.3922, 56.7689,
64.8430

■ 42.5273, 51.7936,
12.7264

■ 57.2034, 57.9271,
78.1224

■ 41.7773, 51.4618,
10.2138

■ 60.3292, 59.2114,
93.0468

■ 41.2081, 51.2025,
8.6422

■ 62.4972, 60.1128,
102.9167

■ 40.7889, 51.0035,
7.8499

■ 62.7956, 60.2667,
102.9307

■ 40.6858, 50.9538,
7.6907

■ 63.0962, 60.4216,
102.9448

■ 63.3989, 60.5777,
102.9589

Harmonies

Analogous

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



53.2292, 54.0039, 33.3354



47.7338, 54.0039, 34.2935



43.5081, 54.0039, 41.0943

Triad

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



47.7338, 54.0039, 34.2935



44.7026, 54.0039, 85.7554



62.6945, 54.0039, 64.3426

Complementary

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



47.7338, 54.0039, 34.2935



32.2010, 30.2282, 57.5666

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.



60.0353, 54.0039, 80.9789



47.7338, 54.0039, 34.2935



49.4747, 54.0039, 94.7482

Square

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



47.7338, 54.0039, 34.2935



41.8484, 54.0039, 69.9911



55.1005, 54.0039, 92.8566



62.1434, 54.0039, 48.8722

Rectangle

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



47.7338, 54.0039, 34.2935



41.8514, 54.0039, 48.8481



55.1005, 54.0039, 92.8566



62.1394, 54.0039, 70.0218

Sweetspot

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



47.7352, 54.0063, 34.2946



91.5213, 98.5404, 92.4911



38.7117, 34.7950, 31.0621



19.4555, 21.0362, 19.1793



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.



47.7352, 54.0063, 34.2946



82.6347, 94.8373, 52.4033



41.4425, 50.7623, 34.0002



11.4634, 12.3858, 11.3493



26.4819, 33.1472, 5.0023



1.2721, 1.5789, 0.2377

Inverse Universe

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



32.2010, 30.2282, 57.5666



50.3835, 45.4649, 100.7278



37.5568, 32.9892, 57.8173



10.1104, 10.3152, 13.3756



6.7425, 2.7101, 34.9121



0.3387, 0.1384, 1.6540

Previews

White Background



This preview shows how the XYZ color 47.7338, 54.0039, 34.2935 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 47.7338, 54.0039, 34.2935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

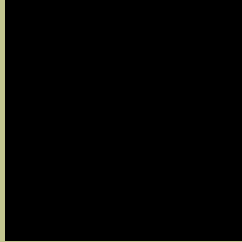
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

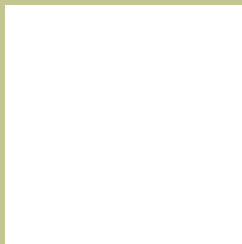
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.7338, 54.0039, 34.2935

Background



This preview shows how black text looks on a background with the XYZ color 47.7338, 54.0039, 34.2935.



This preview shows how white text looks on a background with the XYZ color 47.7338, 54.0039,

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

47.7338, 54.0039, 34.2935

Protanopia

50.1867, 53.9465, 33.3588

Deuteranopia

54.7421, 53.6871, 34.6716



Tritanopia

54.0615, 53.9312, 65.3180

Trichromacy



Original Color

47.7338, 54.0039, 34.2935

Protanomaly

49.1016, 53.7099, 33.7657

Deuteranomaly

51.8432, 53.4702, 34.3764

Tritanomaly

51.4366, 53.8382, 52.4806

Monochromacy



Original Color

47.7338, 54.0039, 34.2935

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.6700, 52.8460, 47.6795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7338, 54.0039, 34.2935 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(195, 198, 144)` looks like.

```
.text, #text, p{  
    color:rgb(195, 198, 144)  
}
```

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(195, 198, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 198, 144) }
```

Border

The CSS property to change the border of an element to XYZ 47.7338, 54.0039, 34.2935 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(195, 198, 144) }
```


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

```
.border{ border-color:rgb(195, 198, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 198, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 198, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 198, 144);  
box-shadow:4px 4px 4px 4px rgb(195, 198,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7338, 54.0039, 34.2935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 198, 144) }
```

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

```
.background{ background-color: rgb(195,  
198, 144) }
```

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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