

Converting Colors

XYZ(37.0319, 54.3794, 10.0579)

Have a look what the booklet for
XYZ(37.0319, 54.3794, 10.0579)
contains.

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Color

**XYZ(37.0319, 54.3794,
10.0579)**

Conversions

Conversions Part 1

Format	Color
Hex	98D522
RGB	152, 213, 34
RGB Percent	60%, 84%, 13%
CMY	0.4039, 0.1647, 0.8666
CMYK	0.29, 0.00, 0.84, 0.16
HSL	80°, 72%, 48%
HSV	80°, 84%, 84%
XYZ	37.0319, 54.3794, 10.0579
YIQ	174.3550, 21.1030, -68.6010

Conversions

Conversions Part 2

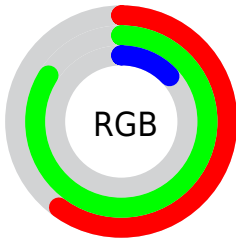
Format	Color
RYB	34, 213, 95
Decimal	10016034
CIELab	78.68, -42.93, 72.84
CIELCh	79, 84.545, 120.513
Yxy	54.3794, 0.3650, 0.5359
Android (android.graphics.Color)	4288206114 (0xFF98D522)
YUV	174.3550, -69.1950, -19.6053
Hunter-Lab	73.7424, -39.4102, 43.5330

Details

The XYZ color **37.0319, 54.3794, 10.0579** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **17.3041, 8.3827, 63.6600**, and the grayscale version is **40.7542, 42.8766, 46.6926**.

A 20% lighter version of the original color is **64.8286, 86.2507, 24.7865**, and **16.8430, 26.8334, 4.2916** is the 20% darker color. If you saturate the color by 10%, you get **35.4975, 53.6153, 8.8489**, and if you desaturate by 10%, it is **38.8421, 55.2672, 12.2741**.

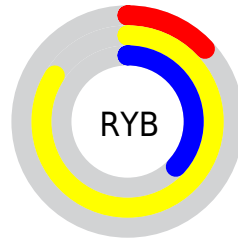
Distribution



Red (60%)

Green (84%)

Blue (13%)



Red (13%)

Yellow (84%)

Blue (37%)

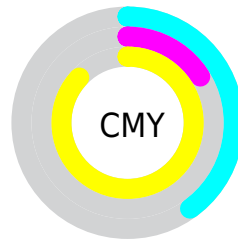


Cyan (29%)

Magenta (0%)

Yellow (84%)

Black (16%)



Cyan (40%)


Magenta (16%)


Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0319, 54.3794, 10.0579 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 37.0319, 54.3794, 10.0579 by changing the saturation by 10% instead.


 37.0319, 54.3794,
10.0579


 37.0319, 54.3794,
10.0579


324.8017,
403.5551, 201.5846


 25.4060, 38.9051,
5.3313


 69.9354, 96.6311,
26.5139

 16.5101, 26.6859,
2.3808


 91.9436, 124.1772,
39.0803

 9.9790, 17.3375,
0.7760


 118.1433,
156.5161, 55.0970

 5.4472, 10.4754,
0.0000

 148.8999,
194.0321, 74.9826

 2.5494, 5.7153,
0.0000

 184.5787,
237.1096, 99.1556

 0.9202, 2.6727,
0.0000

 225.5450,

 0.0000, 0.9634,

286.1330, 128.0346

0.0000

272.1642,
341.4867, 162.0381

■ 0.0000, 0.0000,
0.0000

■ 37.0319, 54.3794,
10.0579

■ 37.0319, 54.3794,
10.0579

■ 35.4975, 53.6153,
8.8489

■ 38.8421, 55.2672,
12.2741

■ 34.6796, 53.2019,
8.4412

■ 40.9562, 56.2844,
15.6549

■ 43.4022, 57.4443,
20.3338

■ 46.2030, 58.7563,
26.4257

■ 49.3795, 60.2288,
34.0325

■ 52.9505, 61.8694,
43.2468

■ 56.9334, 63.6854,
54.1538

■ 61.3446, 65.6834,
66.8327

■ 66.1993, 67.8696,
81.3576

Harmonies

Analogous

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



51.3988, 54.3794, 6.6353



37.0319, 54.3794, 10.0579



28.4640, 54.3794, 24.4906

Triad

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



37.0319, 54.3794, 10.0579



37.4323, 54.3794, 180.8136



90.9198, 54.3794, 58.3898

Complementary

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



37.0319, 54.3794, 10.0579



17.3041, 8.3827, 63.6600

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.



84.9922, 54.3794, 117.0159



37.0319, 54.3794, 10.0579



51.9742, 54.3794, 207.0646

Square

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



37.0319, 54.3794, 10.0579



28.6577, 54.3794, 119.2779



69.7710, 54.3794, 179.0849



84.5920, 54.3794, 23.7068

Rectangle

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



37.0319, 54.3794, 10.0579



26.0362, 54.3794, 45.3048



69.7710, 54.3794, 179.0849



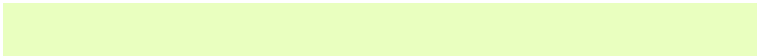
90.2830, 54.3794, 75.7036

Sweetspot

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



37.0332, 54.3818, 10.0591



78.8849, 92.6622, 63.1625



31.7047, 22.2102, 4.1301



16.4677, 19.6423, 12.4297



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.



37.0332, 54.3818, 10.0591



51.9277, 79.8548, 12.6766



26.1885, 48.7912, 9.5515



13.0427, 14.2982, 13.2331



21.2959, 32.5548, 5.1613



1.3714, 2.0084, 0.3154

Inverse Universe

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



17.3041, 8.3827, 63.6600



21.9720, 9.2419, 95.2335



32.1527, 16.0374, 64.3549



12.1376, 12.2123, 15.6550



9.0947, 3.8410, 38.7152



0.6358, 0.2767, 2.3392

Previews

White Background



This preview shows how the XYZ color 37.0319, 54.3794, 10.0579 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 37.0319, 54.3794, 10.0579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

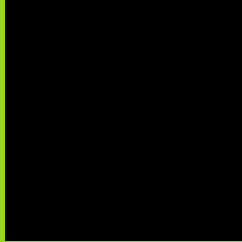
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0319, 54.3794, 10.0579

Background



This preview shows how black text looks on a background with the XYZ color 37.0319, 54.3794, 10.0579.



This preview shows how white text looks on a background with the XYZ color 37.0319, 54.3794,

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

37.0319, 54.3794, 10.0579

Protanopia

48.7270, 53.7324, 8.9656

Deuteranopia

55.0463, 53.7531, 10.6061



Tritanopia

49.3449, 54.0139, 71.4433

Trichromacy



Original Color

37.0319, 54.3794, 10.0579

Protanomaly

43.6396, 53.4743, 9.3178

Deuteranomaly

46.8527, 53.0686, 10.2565

Tritanomaly

42.2978, 52.8811, 36.4115

Monochromacy



Original Color

37.0319, 54.3794, 10.0579

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

37.2843, 45.5035, 25.5569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0319, 54.3794, 10.0579 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(152, 213, 34)` looks like.

```
.text, #text, p{  
    color:rgb(152, 213, 34)  
}
```

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(152, 213, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 213, 34) }
```

Border

The CSS property to change the border of an element to XYZ 37.0319, 54.3794, 10.0579 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(152, 213, 34) }
```


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

```
.border{ border-color:rgb(152, 213, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 213, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 213, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 213, 34);  
box-shadow:4px 4px 4px 4px rgb(152, 213,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0319, 54.3794, 10.0579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 213, 34) }
```

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

```
.background{ background-color: rgb(152,  
213, 34) }
```

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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