

Converting Colors

XYZ(39.7891, 54.2432, 30.2027)

Have a look what the booklet for
XYZ(39.7891, 54.2432, 30.2027)
contains.

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Color

**XYZ(39.7891, 54.2432,
30.2027)**

Conversions

Conversions Part 1

Format	Color
Hex	96D284
RGB	150, 210, 132
RGB Percent	59%, 82%, 52%
CMY	0.4118, 0.1765, 0.4823
CMYK	0.29, 0.00, 0.37, 0.18
HSL	106°, 46%, 67%
HSV	106°, 37%, 82%
XYZ	39.7891, 54.2432, 30.2027
YIQ	183.1680, -10.7220, -36.9780

Conversions

Conversions Part 2

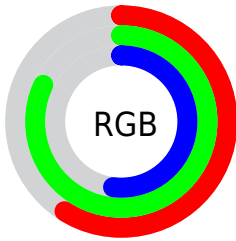
Format	Color
RYB	132, 210, 192
Decimal	9884292
CIELab	78.60, -33.74, 32.67
CIElCh	79, 46.967, 135.917
Yxy	54.2432, 0.3203, 0.4366
Android (android.graphics.Color)	4288074372 (0xFF96D284)
YUV	183.1680, -25.2258, -29.0883
Hunter-Lab	73.6500, -32.4536, 27.2411

Details

The XYZ color **39.7891, 54.2432, 30.2027** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **41.6249, 32.3639, 65.0288**, and the grayscale version is **45.2415, 47.5975, 51.8337**.

A 20% lighter version of the original color is **70.0765, 88.1870, 59.7827**, and **18.1363, 26.5782, 11.9588** is the 20% darker color. If you saturate the color by 10%, you get **35.7240, 52.2988, 23.2513**, and if you desaturate by 10%, it is **44.5562, 56.5192, 38.6992**.

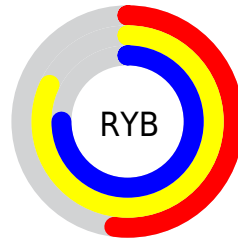
Distribution



Red (59%)

Green (82%)

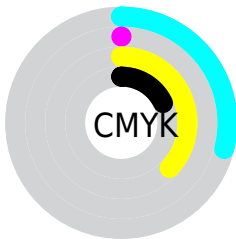
Blue (52%)



Red (52%)

Yellow (82%)

Blue (75%)

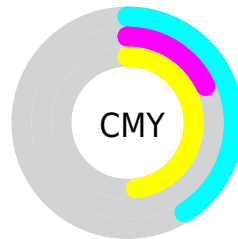


Cyan (29%)

Magenta (0%)

Yellow (37%)

Black (18%)



Cyan (41%)

Magenta (18%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7891, 54.2432, 30.2027 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 39.7891, 54.2432, 30.2027 by changing the saturation by 10% instead.

■ 39.7891, 54.2432,
30.2027

■ 39.7891, 54.2432,
30.2027

336.3835,
403.0367, 317.0848

■ 27.5576, 38.7961,
19.7391

■ 74.1286, 96.4312,
61.0474

■ 18.1312, 26.6012,
12.0234

■ 96.9674, 123.9410,
82.2656

■ 11.1445, 17.2739,
6.6369

■ 124.0727,
156.2404, 107.9057

■ 6.2321, 10.4300,
3.1611

155.8098,
193.7140, 138.3864

■ 3.0287, 5.6850,
1.1775

192.5440,
236.7460, 174.1261

■ 1.1690, 2.6545,
0.0000

234.6408,

■ 0.0817, 0.9541,

285.7208, 215.5434

0.0000

282.4656,
341.0229, 263.0568

■ 0.0000, 0.0000,
0.0000

■ 39.7891, 54.2432,
30.2027

■ 39.7891, 54.2432,
30.2027

■ 35.7240, 52.2988,
23.2513

■ 44.5562, 56.5192,
38.6992

■ 32.3225, 50.6636,
17.7487

■ 50.0527, 59.1345,
48.8221

■ 29.5489, 49.3229,
13.5933


■ 56.3099, 62.1048,
60.6515

■ 27.3622, 48.2580,
10.6690


■ 63.3558, 65.4431,
74.2612

■ 25.7158, 47.4481,
8.8399

■ 71.2168, 69.1616,
89.7203

 24.5525, 46.8674,
7.9246

 79.4307, 73.0768,
104.5265

 24.2883, 46.7350,
7.7406

 82.3377, 74.5755,
104.6626

Harmonies

Analogous

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



46.8235, 54.2432, 22.3298



39.7891, 54.2432, 30.2027



36.1357, 54.2432, 47.4968

Triad

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



39.7891, 54.2432, 30.2027



47.3422, 54.2432, 123.6567



70.6559, 54.2432, 46.1452

Complementary

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



39.7891, 54.2432, 30.2027



41.6249, 32.3639, 65.0288

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.



70.8382, 54.2432, 72.3661



39.7891, 54.2432, 30.2027



56.5982, 54.2432, 122.9660

Square

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



39.7891, 54.2432, 30.2027



40.1294, 54.2432, 103.8149



65.4416, 54.2432, 102.1415



64.9698, 54.2432, 29.4700

Rectangle

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



39.7891, 54.2432, 30.2027



35.7892, 54.2432, 64.4792



65.4416, 54.2432, 102.1415



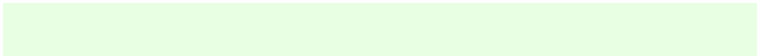
71.3840, 54.2432, 53.9564

Sweetspot

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



39.7905, 54.2455, 30.2039



83.3605, 94.4581, 86.4755



49.5513, 52.9816, 29.4455



17.5565, 20.0821, 17.9682



0.0000, 0.0000, 0.0000



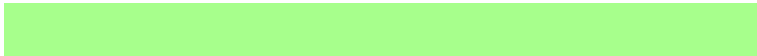
20.3446, 21.4041, 23.3091

Same Dimension

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



39.7905, 54.2455, 30.2039



56.3908, 81.6066, 37.6872



38.2973, 53.2946, 38.3201



11.9079, 13.3360, 12.5585



14.8885, 28.5442, 4.7249



0.9039, 1.6328, 0.2675

Inverse Universe

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



41.6249, 32.3639, 65.0288



59.6258, 42.6290, 99.6933



44.0387, 33.8885, 52.4803



12.0330, 11.8658, 14.8998



16.2203, 7.5421, 37.7934



0.9735, 0.4560, 2.1163

Previews

White Background



This preview shows how the XYZ color 39.7891, 54.2432, 30.2027 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 39.7891, 54.2432, 30.2027 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

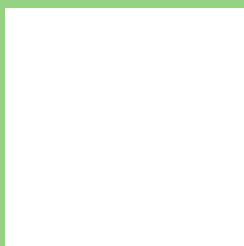
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.7891, 54.2432, 30.2027

Background



This preview shows how black text looks on a background with the XYZ color 39.7891, 54.2432, 30.2027.



This preview shows how white text looks on a background with the XYZ color 39.7891, 54.2432,

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

39.7891, 54.2432, 30.2027

Protanopia

49.8574, 53.9131, 27.1805

Deuteranopia

54.7074, 53.7469, 31.1577



Tritanopia

48.3588, 54.1589, 72.8707

Trichromacy



Original Color

39.7891, 54.2432, 30.2027

Protanomaly

45.5368, 53.6859, 28.3844

Deuteranomaly

47.9757, 53.1970, 30.6611

Tritanomaly

44.6479, 54.0594, 53.9803

Monochromacy



Original Color

39.7891, 54.2432, 30.2027

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

42.5654, 49.4782, 42.4288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7891, 54.2432, 30.2027 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(150, 210, 132)` looks like.

```
.text, #text, p{  
    color:rgb(150, 210, 132)  
}
```

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(150, 210, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 210, 132) }
```

Border

The CSS property to change the border of an element to XYZ 39.7891, 54.2432, 30.2027 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(150, 210, 132) }
```


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

```
.border{ border-color:rgb(150, 210, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 210, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 210, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 210, 132); box-shadow:4px 4px 4px 4px rgb(150, 210, 132) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7891, 54.2432, 30.2027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 210, 132) }
```

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

```
.background{ background-color: rgb(150,  
210, 132) }
```

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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