

Converting Colors

XYZ(35.2049, 47.6600, 28.4589)

Have a look what the booklet for
XYZ(35.2049, 47.6600, 28.4589)
contains.

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Color

**XYZ(35.2079, 47.6626,
28.4632)**

Conversions

Conversions Part 1

Format	Color
Hex	8DC682
RGB	141, 198, 130
RGB Percent	55%, 78%, 51%
CMY	0.4471, 0.2235, 0.4902
CMYK	0.29, 0.00, 0.34, 0.22
HSL	110°, 37%, 64%
HSV	110°, 34%, 78%
XYZ	35.2079, 47.6626, 28.4632
YIQ	173.2050, -12.1440, -33.2320

Conversions

Conversions Part 2

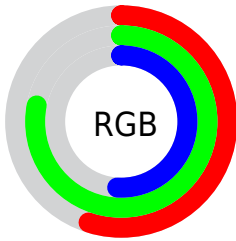
Format	Color
RYB	130, 198, 187
Decimal	9291394
CIELab	74.61, -31.48, 28.35
CIElCh	75, 42.359, 137.995
Yxy	47.6626, 0.3162, 0.4281
Android (android.graphics.Color)	4287481474 (0xFF8DC682)
YUV	173.2050, -21.3001, -28.2438
Hunter-Lab	69.0381, -29.7857, 23.8824

Details

The XYZ color **35.2079, 47.6626, 28.4632** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.6711, 30.6086, 57.2984**, and the grayscale version is **39.9359, 42.0157, 45.7551**.

A 20% lighter version of the original color is **67.0722, 86.6747, 57.9946**, and **15.4457, 22.6004, 11.1377** is the 20% darker color. If you saturate the color by 10%, you get **31.3911, 45.8354, 22.0021**, and if you desaturate by 10%, it is **39.7059, 49.8142, 36.2932**.

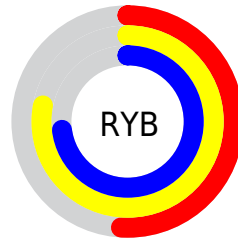
Distribution



Red (55%)

Green (78%)

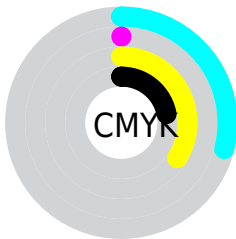
Blue (51%)



Red (51%)

Yellow (78%)

Blue (73%)

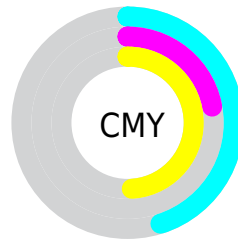


Cyan (29%)

Magenta (0%)

Yellow (34%)

Black (22%)



Cyan (45%)


Magenta (22%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2079, 47.6626, 28.4632 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 35.2079, 47.6626, 28.4632 by changing the saturation by 10% instead.


 35.2079, 47.6626,
28.4632


 35.2079, 47.6626,
28.4632


316.9770,
377.4532, 308.6550


 23.9903, 33.5598,
18.4330

 67.1396, 86.7018,
58.2551

 15.4511, 22.5556,
11.0887


 88.5845, 112.4070,
78.8539

 9.2250, 14.2657,
6.0116


 114.1691,
142.7485, 103.8127

 4.9465, 8.3057,
2.7832

144.2590,
178.1106, 133.5500

 2.2503, 4.2912,
0.9850

179.2193,
218.8777, 168.4843

 0.7691, 1.8377,
0.0000

219.4155,

 0.0000, 0.5105,

265.4342, 209.0342

0.0000

265.2130,
318.1646, 255.6183

■ 0.0000, 0.0000,
0.0000

■ 35.2079, 47.6626,
28.4632

■ 35.2079, 47.6626,
28.4632

■ 31.3911, 45.8354,
22.0021

■ 39.7059, 49.8142,
36.2932

■ 28.2183, 44.3111,
16.8282

■ 44.9126, 52.2986,
45.5610

■ 25.6545, 43.0746,
12.8564


■ 50.8583, 55.1314,
56.3348


■ 23.6594, 42.1075,
9.9895


■ 57.5707, 58.3255,
68.6775

■ 22.1880, 41.3889,
8.1157

■ 65.0758, 61.8931,
82.6484

 21.1877, 40.8947,
7.0995

 73.3984, 65.8457,
98.3036

 20.7915, 40.6976,
6.7596

 79.4850, 68.8701,
103.7117

Harmonies

Analogous

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



40.8990, 47.6626, 21.2113



35.2079, 47.6626, 28.4632



32.3598, 47.6626, 43.6024

Triad

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



35.2079, 47.6626, 28.4632



42.3048, 47.6626, 105.1055



60.8163, 47.6626, 39.9169

Complementary

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



35.2079, 47.6626, 28.4632



38.6711, 30.6086, 57.2984

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.



61.3028, 47.6626, 61.1809



35.2079, 47.6626, 28.4632



50.0099, 47.6626, 103.2882

Square

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



35.2079, 47.6626, 28.4632



36.1368, 47.6626, 90.0097



57.1613, 47.6626, 85.5809



55.8987, 47.6626, 26.4236

Rectangle

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



35.2079, 47.6626, 28.4632



32.2170, 47.6626, 57.9924



57.1613, 47.6626, 85.5809



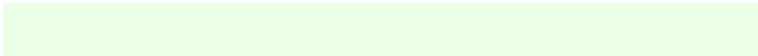
61.5221, 47.6626, 46.2434

Sweetspot

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



35.2091, 47.6646, 28.4642



83.7813, 94.6341, 88.3458



45.0197, 49.0191, 28.2086



17.6174, 20.1054, 18.3399



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.



35.2091, 47.6646, 28.4642



57.3140, 81.9914, 41.8497



35.1237, 47.4250, 37.2967



10.6546, 11.9689, 11.3114



13.5690, 26.4903, 4.3980



0.6941, 1.2809, 0.2107

Inverse Universe

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



38.6711, 30.6086, 57.2984



64.3182, 47.3692, 100.3610



39.0437, 31.0805, 44.6724



10.9082, 10.7264, 13.4130



16.9130, 7.9532, 35.3881



0.8471, 0.4005, 1.6778

Previews

White Background



This preview shows how the XYZ color 35.2079, 47.6626, 28.4632 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 35.2079, 47.6626, 28.4632 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 35.2079, 47.6626, 28.4632

Background



This preview shows how black text looks on a background with the XYZ color 35.2079, 47.6626, 28.4632.



This preview shows how white text looks on a background with the XYZ color 35.2079, 47.6626,

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

35.2079, 47.6626, 28.4632

Protanopia

43.8603, 47.3280, 25.8923

Deuteranopia

48.0220, 47.0081, 29.4641



Tritanopia

42.4231, 47.6249, 64.0833

Trichromacy



Original Color

35.2079, 47.6626, 28.4632

Protanomaly

39.8806, 46.8199, 26.6739

Deuteranomaly

42.1534, 46.3792, 28.9207

Tritanomaly

39.1799, 47.2632, 48.6527

Monochromacy



Original Color

35.2079, 47.6626, 28.4632

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

37.5117, 43.4673, 38.3112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2079, 47.6626, 28.4632 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(141, 198, 130)` looks like.

```
.text, #text, p{  
    color:rgb(141, 198, 130)  
}
```

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(141, 198, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 198, 130) }
```

Border

The CSS property to change the border of an element to XYZ 35.2079, 47.6626, 28.4632 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(141, 198, 130) }
```


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

```
.border{ border-color:rgb(141, 198, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 198, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 198, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 198, 130); box-shadow:4px 4px 4px 4px rgb(141, 198, 130) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2079, 47.6626, 28.4632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 198, 130) }
```

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

```
.background{ background-color: rgb(141,  
198, 130) }
```

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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