

Converting Colors

XYZ(35.3213, 49.6674, 18.7915)

Have a look what the booklet for
XYZ(35.3213, 49.6674, 18.7915)
contains.

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Color

**XYZ(35.3213, 49.6674,
18.7915)**

Conversions

Conversions Part 1

Format	Color
Hex	92CB60
RGB	146, 203, 96
RGB Percent	57%, 80%, 38%
CMY	0.4275, 0.2039, 0.6235
CMYK	0.28, 0.00, 0.53, 0.20
HSL	92°, 51%, 59%
HSV	92°, 53%, 80%
XYZ	35.3213, 49.6674, 18.7915
YIQ	173.7590, 0.3750, -45.3610

Conversions

Conversions Part 2

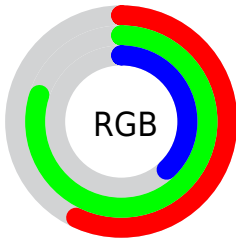
Format	Color
RYB	96, 203, 153
Decimal	9620320
CIELab	75.86, -36.49, 47.04
CIELCh	76, 59.532, 127.806
Yxy	49.6674, 0.3403, 0.4786
Android (android.graphics.Color)	4287810400 (0xFF92CB60)
YUV	173.7590, -38.3352, -24.3446
Hunter-Lab	70.4751, -33.8693, 33.5235

Details

The XYZ color **35.3213, 49.6674, 18.7915** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **28.1015, 19.4514, 58.7761**, and the grayscale version is **40.2999, 42.3986, 46.1721**.

A 20% lighter version of the original color is **65.5419, 86.2465, 41.6266**, and **15.4582, 23.6370, 6.1305** is the 20% darker color. If you saturate the color by 10%, you get **32.6726, 48.3979, 14.4031**, and if you desaturate by 10%, it is **38.3956, 51.1315, 24.4614**.

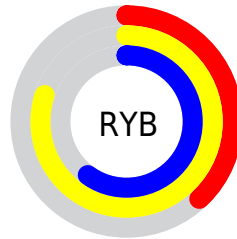
Distribution



Red (57%)

Green (80%)

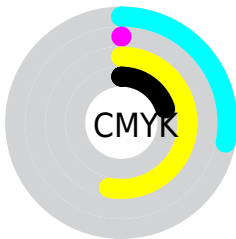
Blue (38%)



Red (38%)

Yellow (80%)

Blue (60%)

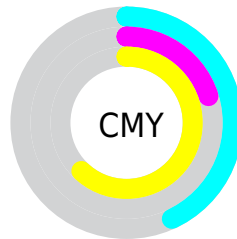


Cyan (28%)

Magenta (0%)

Yellow (53%)

Black (20%)



Cyan (43%)

Magenta (20%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3213, 49.6674, 18.7915 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 35.3213, 49.6674, 18.7915 by changing the saturation by 10% instead.

■ 35.3213, 49.6674,
18.7915

■ 35.3213, 49.6674,
18.7915

317.4675,
385.3638, 257.6795

■ 24.0782, 35.1492,
11.3444

■ 67.3140, 89.6819,
42.2135

■ 15.5167, 23.7778,
6.1819

■ 88.7942, 115.9470,
59.0255

■ 9.2715, 15.1689,
2.8854

■ 114.4175,
146.8964, 79.7962

■ 4.9772, 8.9380,
1.0364

■ 144.5492,
182.9147, 104.9442

■ 2.2685, 4.7008,
0.0000

179.5547,
224.3862, 134.8880

■ 0.7785, 2.0728,
0.0000

219.7994,

■ 0.0000, 0.6493,

271.6953, 170.0461

0.0000

265.6485,
325.2264, 210.8371

■ 0.0000, 0.0000,
0.0000

■ 35.3213, 49.6674,
18.7915

■ 35.3213, 49.6674,
18.7915

■ 32.6726, 48.3979,
14.4031

■ 38.3956, 51.1315,
24.4614

■ 30.4220, 47.3064,
11.1928

■ 41.9137, 52.7931,
31.4992

■ 28.5436, 46.3836,
9.0466

■ 45.8970, 54.6627,
39.9875

■ 27.0055, 45.6161,
7.8260

■ 50.3640, 56.7486,
50.0012

■ 26.0612, 45.1391,
7.3392

■ 55.3325, 59.0581,
61.6105

■ 60.8189, 61.5984,
74.8807

■ 66.8391, 64.3763,
89.8739

■ 72.8547, 67.1769,
103.7343

■ 76.4848, 69.0483,
103.9042

Harmonies

Analogous

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



44.3740, 49.6674, 13.3697



35.3213, 49.6674, 18.7915



30.1097, 49.6674, 34.1606

Triad

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



35.3213, 49.6674, 18.7915



39.6126, 49.6674, 132.4699



71.6005, 49.6674, 46.2125

Complementary

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



35.3213, 49.6674, 18.7915



28.1015, 19.4514, 58.7761

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.



69.7939, 49.6674, 80.5389



35.3213, 49.6674, 18.7915



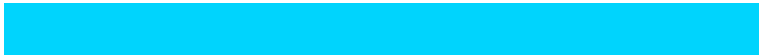
50.1588, 49.6674, 139.7833

Square

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



35.3213, 49.6674, 18.7915



32.3038, 49.6674, 100.7332



61.4992, 49.6674, 117.9823



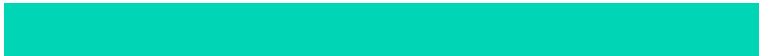
66.1076, 49.6674, 24.6504

Rectangle

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



35.3213, 49.6674, 18.7915



28.9672, 49.6674, 51.7786



61.4992, 49.6674, 117.9823



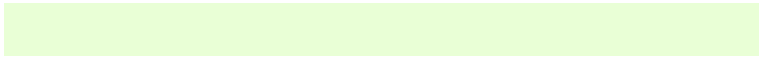
71.8406, 49.6674, 56.4473

Sweetspot

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



35.3225, 49.6696, 18.7926



81.6137, 93.7534, 77.5470



37.8542, 35.7675, 15.9758



17.1331, 19.9104, 15.8445



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.



35.3225, 49.6696, 18.7926



54.2473, 80.8154, 23.4120



28.3757, 46.0788, 18.9010



11.5580, 12.7896, 11.9389



16.6876, 28.7781, 4.6752



0.9482, 1.5296, 0.2453

Inverse Universe

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



28.1015, 19.4514, 58.7761



40.8913, 24.9834, 97.2748



39.3816, 25.2909, 58.2008



11.1629, 11.1333, 14.1310



10.9132, 4.8335, 36.3140



0.6501, 0.2943, 1.8775

Previews

White Background



This preview shows how the XYZ color 35.3213, 49.6674, 18.7915 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 35.3213, 49.6674, 18.7915 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 35.3213, 49.6674, 18.7915

Background



This preview shows how black text looks on a background with the XYZ color 35.3213, 49.6674, 18.7915.



This preview shows how white text looks on a background with the XYZ color 35.3213, 49.6674,

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

35.3213, 49.6674, 18.7915

Protanopia

44.9008, 48.9950, 16.9880

Deuteranopia

50.3635, 49.3140, 19.6961



Tritanopia

44.6717, 49.3992, 65.5731

Trichromacy



Original Color

35.3213, 49.6674, 18.7915

Protanomaly

40.5926, 48.6799, 17.6126

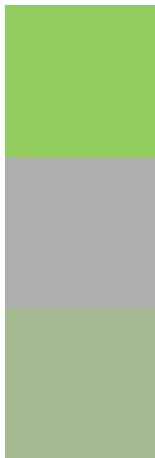
Deuteranomaly

43.3593, 48.4665, 19.1263

Tritanomaly

40.1083, 48.8513, 43.3917

Monochromacy



Original Color

35.3213, 49.6674, 18.7915

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

37.8471, 44.6658, 33.8207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3213, 49.6674, 18.7915 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(146, 203, 96)` looks like.

```
.text, #text, p{  
    color:rgb(146, 203, 96)  
}
```

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(146, 203, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 203, 96) }
```

Border

The CSS property to change the border of an element to XYZ 35.3213, 49.6674, 18.7915 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(146, 203, 96) }
```


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

```
.border{ border-color:rgb(146, 203, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 203, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 203, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 203, 96);  
box-shadow:4px 4px 4px 4px rgb(146, 203,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3213, 49.6674, 18.7915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 203, 96) }
```

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

```
.background{ background-color: rgb(146,  
203, 96) }
```

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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