

Converting Colors

XYZ(35.3804, 54.4030, 24.0072)

Have a look what the booklet for
XYZ(35.3804, 54.4030, 24.0072)
contains.

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Color

**XYZ(35.3657, 54.3465,
23.9552)**

Conversions

Conversions Part 1

Format	Color
Hex	79D870
RGB	121, 216, 112
RGB Percent	47%, 85%, 44%
CMY	0.5255, 0.1529, 0.5608
CMYK	0.44, 0.00, 0.48, 0.15
HSL	115°, 57%, 64%
HSV	115°, 48%, 85%
XYZ	35.3657, 54.3465, 23.9552
YIQ	175.7390, -23.2360, -52.4840

Conversions

Conversions Part 2

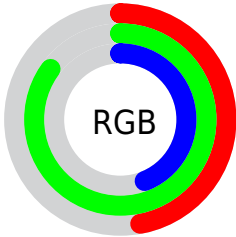
Format	Color
RYB	112, 216, 207
Decimal	7985264
CIELab	78.66, -48.41, 42.47
CIELCh	79, 64.399, 138.734
Yxy	54.3465, 0.3111, 0.4781
Android (android.graphics.Color)	4286175344 (0xFF79D870)
YUV	175.7390, -31.4233, -48.0061
Hunter-Lab	73.7201, -43.3784, 32.3379

Details

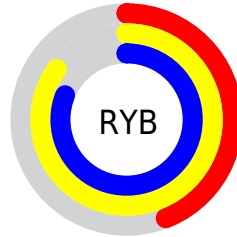
The XYZ color **35.3657, 54.3465, 23.9552** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **43.9234, 29.8133, 68.4081**, and the grayscale version is **41.2992, 43.4500, 47.3170**.

A 20% lighter version of the original color is **60.9116, 83.7016, 48.5430**, and **15.4630, 26.5353, 8.7217** is the 20% darker color. If you saturate the color by 10%, you get **31.8166, 52.6412, 18.2468**, and if you desaturate by 10%, it is **39.7715, 56.4633, 31.2118**.

Distribution



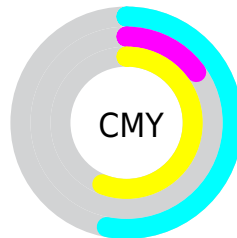
- Red (47%)
- Green (85%)
- Blue (44%)



- Red (44%)
- Yellow (85%)
- Blue (81%)



- Cyan (44%)
- Magenta (0%)
- Yellow (48%)
- Black (15%)





- Cyan (53%)
- Magenta (15%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3657, 54.3465, 23.9552 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 35.3657, 54.3465, 23.9552 by changing the saturation by 10% instead.


 35.3657, 54.3465,
23.9552


 35.3657, 54.3465,
23.9552


317.6594,
403.4299, 285.8732


 24.1125, 38.8788,
15.0885


 67.3822, 96.5828,
50.9000


 15.5423, 26.6654,
8.7342


 88.8763, 124.1202,
69.8152

 9.2897, 17.3221,
4.4738


 114.5147,
156.4495, 92.9169

 4.9892, 10.4644,
1.8887

 144.6628,
193.9553, 120.6238

 2.2756, 5.7079,
0.4855

179.6860,
237.0218, 153.3543

 0.7822, 2.6683,
0.0000

219.9496,

 0.0000, 0.9611,

286.0335, 191.5270

0.0000

265.8189,
341.3747, 235.5605

■ 0.0000, 0.0000,
0.0000

■ 35.3657, 54.3465,
23.9552

■ 35.3657, 54.3465,
23.9552

■ 31.8166, 52.6412,
18.2468

■ 39.7715, 56.4633,
31.2118

■ 29.0646, 51.3143,
13.9708

■ 45.0806, 59.0088,
40.1140

■ 27.0486, 50.3386,
11.0014


■ 51.3412, 62.0072,
50.7553


■ 25.6969, 49.6805,
9.1890


■ 58.5967, 65.4791,
63.2214

■ 24.9173, 49.2971,
8.3169

■ 66.8879, 69.4439,
77.5922

 24.8194, 49.2492,
8.1979

 76.2532, 73.9197,
93.9429

 83.8469, 77.5938,
105.1656

Harmonies

Analogous

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



44.1911, 54.3465, 14.5395



35.3657, 54.3465, 23.9552



31.1896, 54.3465, 46.5172

Triad

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



35.3657, 54.3465, 23.9552



47.0223, 54.3465, 157.8809



78.4511, 54.3465, 39.4082

Complementary

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



35.3657, 54.3465, 23.9552



43.9234, 29.8133, 68.4081

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.



79.5454, 54.3465, 73.9408



35.3657, 54.3465, 23.9552



59.9147, 54.3465, 153.3823

Square

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



35.3657, 54.3465, 23.9552



37.1444, 54.3465, 128.9819



72.3055, 54.3465, 118.4388



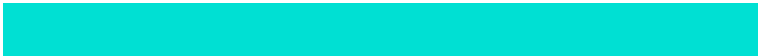
69.5235, 54.3465, 20.5957

Rectangle

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



35.3657, 54.3465, 23.9552



31.0556, 54.3465, 70.4598



72.3055, 54.3465, 118.4388



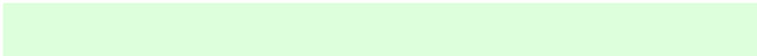
79.7960, 54.3465, 49.1628

Sweetspot

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



35.3670, 54.3488, 23.9564



78.8292, 92.2414, 80.8747



53.2210, 59.7216, 24.0525



16.3945, 19.5146, 16.4906



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.



35.3670, 54.3488, 23.9564



46.1505, 76.5693, 26.2845



37.0391, 54.8787, 39.0394



12.3610, 13.9468, 13.2012



14.7281, 29.1689, 4.8539



0.9236, 1.7775, 0.2944

Inverse Universe

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



43.9234, 29.8133, 68.4081



60.0060, 36.6695, 98.5230



41.7940, 29.2603, 43.6960



12.8421, 12.5755, 15.6880



21.0598, 10.0092, 39.2752



1.3021, 0.6201, 2.3704

Previews

White Background



This preview shows how the XYZ color 35.3657, 54.3465, 23.9552 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 35.3657, 54.3465, 23.9552 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 35.3657, 54.3465, 23.9552

Background



This preview shows how black text looks on a background with the XYZ color 35.3657, 54.3465, 23.9552.



This preview shows how white text looks on a background with the XYZ color 35.3657, 54.3465,

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

35.3657, 54.3465, 23.9552

Protanopia

49.2310, 53.7292, 20.8727

Deuteranopia

54.6708, 53.5464, 25.2233



Tritanopia

45.6665, 54.1038, 75.7463

Trichromacy



Original Color

35.3657, 54.3465, 23.9552



Protanomaly

42.5968, 53.0059, 21.8960



Deuteranomaly

44.9431, 52.1017, 24.5175



Tritanomaly

40.7279, 53.5163, 51.8992

Monochromacy



Original Color

35.3657, 54.3465, 23.9552



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

38.0909, 46.6294, 37.1298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3657, 54.3465, 23.9552 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(121, 216, 112)` looks like.

```
.text, #text, p{  
    color:rgb(121, 216, 112)  
}
```

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(121, 216, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 216, 112) }
```

Border

The CSS property to change the border of an element to XYZ 35.3657, 54.3465, 23.9552 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(121, 216, 112) }
```


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

```
.border{ border-color:rgb(121, 216, 112) }
```

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

Here you see how a box with a 4 pixel rgb(121, 216, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 216, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 216, 112);  
box-shadow:4px 4px 4px 4px rgb(121, 216,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3657, 54.3465, 23.9552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 216, 112) }
```

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

```
.background{ background-color: rgb(121,  
216, 112) }
```

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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