

Converting Colors

XYZ(35.3620, 54.4977, 17.0428)

Have a look what the booklet for
XYZ(35.3620, 54.4977, 17.0428)
contains.

XYZ(35.3620, 54.4977, 17.0428)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.3620, 54.4977,
17.0428)**

Conversions

Conversions Part 1

Format	Color
Hex	82D854
RGB	130, 216, 84
RGB Percent	51%, 85%, 33%
CMY	0.4902, 0.1529, 0.6706
CMYK	0.40, 0.00, 0.61, 0.15
HSL	99°, 63%, 59%
HSV	99°, 61%, 85%
XYZ	35.3620, 54.4977, 17.0428
YIQ	175.2380, -8.8840, -59.2840

Conversions

Conversions Part 2

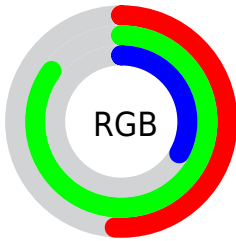
Format	Color
RYB	84, 216, 170
Decimal	8575060
CIELab	78.75, -48.80, 55.58
CIELCh	79, 73.960, 131.282
Yxy	54.4977, 0.3308, 0.5098
Android (android.graphics.Color)	4286765140 (0xFF82D854)
YUV	175.2380, -44.9803, -39.6737
Hunter-Lab	73.8226, -43.6856, 37.9880

Details

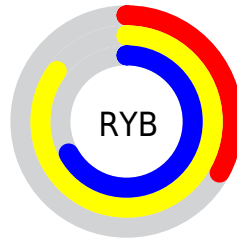
The XYZ color **35.3620, 54.4977, 17.0428** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **32.1453, 19.8463, 67.1053**, and the grayscale version is **41.1013, 43.2418, 47.0903**.

A 20% lighter version of the original color is **61.0865, 84.0463, 37.0477**, and **15.4411, 26.5985, 5.3571** is the 20% darker color. If you saturate the color by 10%, you get **32.6303, 53.1743, 13.1595**, and if you desaturate by 10%, it is **38.6525, 56.0824, 22.3158**.

Distribution



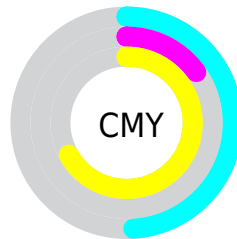
- Red (51%)
- Green (85%)
- Blue (33%)



- Red (33%)
- Yellow (85%)
- Blue (67%)



- Cyan (40%)
- Magenta (0%)
- Yellow (61%)
- Black (15%)





- Cyan (49%)
- Magenta (15%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.3620, 54.4977, 17.0428 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 35.3620, 54.4977, 17.0428 by changing the saturation by 10% instead.


 35.3620, 54.4977,
17.0428


 35.3620, 54.4977,
17.0428


317.6434,
404.0051, 247.4712


 24.1097, 38.9997,
10.1027


 67.3765, 96.8046,
39.1910

 15.5402, 26.7595,
5.3606


 88.8694, 124.3823,
55.2362

 9.2881, 17.3927,
2.3980


 114.5066,
156.7554, 75.1536

 4.9882, 10.5149,
0.7853

 144.6533,
194.3082, 99.3616

 2.2750, 5.7416,
0.0000

179.6750,
237.4252, 128.2788

 0.7818, 2.6886,
0.0000

219.9370,

 0.0000, 0.9714,

286.4908, 162.3238

0.0000

265.8047,
341.8892, 201.9151

■ 0.0000, 0.0000,
0.0000

■ 35.3620, 54.4977,
17.0428

■ 35.3620, 54.4977,
17.0428

■ 32.6303, 53.1743,
13.1595

■ 38.6525, 56.0824,
22.3158

■ 30.4166, 52.0890,
10.5309

■ 42.5307, 57.9358,
29.0898

■ 28.6799, 51.2257,
9.0012

■ 47.0281, 60.0735,
37.4690

■ 27.4796, 50.6207,
8.3225

■ 52.1725, 62.5078,
47.5471

■ 57.9901, 65.2503,
59.4108

■ 64.5052, 68.3118,
73.1409

■ 71.7412, 71.7027,
88.8130

■ 79.4277, 75.3158,
104.9589

■ 83.8470, 77.5941,
105.1657

Harmonies

Analogous

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



46.4859, 54.4977, 10.2000



35.3620, 54.4977, 17.0428



29.4558, 54.4977, 37.0507

Triad

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



35.3620, 54.4977, 17.0428



43.2822, 54.4977, 173.0774



84.5869, 54.4977, 44.9272

Complementary

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



35.3620, 54.4977, 17.0428



32.1453, 19.8463, 67.1053

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.



83.2837, 54.4977, 89.1422



35.3620, 54.4977, 17.0428



57.5011, 54.4977, 178.6595

Square

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



35.3620, 54.4977, 17.0428



33.3985, 54.4977, 129.9752



72.6714, 54.4977, 142.8446



75.9541, 54.4977, 20.4672

Rectangle

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



35.3620, 54.4977, 17.0428



28.4507, 54.4977, 61.1598



72.6714, 54.4977, 142.8446



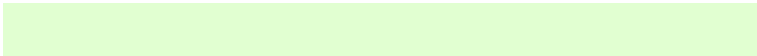
85.3334, 54.4977, 57.5542

Sweetspot

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



35.3633, 54.5000, 17.0440



78.3616, 92.1511, 74.0434



44.2587, 43.9159, 14.5322



16.2621, 19.4831, 14.8210



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.



35.3633, 54.5000, 17.0440



46.6156, 76.9927, 18.0100



30.7023, 51.9946, 21.4623



12.6665, 14.1043, 13.2155



16.3700, 30.0154, 4.9308



1.0754, 1.8558, 0.3015

Inverse Universe

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



32.1453, 19.8463, 67.1053



41.4380, 22.4224, 96.7517



41.4780, 24.9357, 54.9736



12.5135, 12.4061, 15.6726



13.9319, 6.3347, 38.9416



0.9281, 0.4273, 2.3529

Previews

White Background



This preview shows how the XYZ color 35.3620, 54.4977, 17.0428 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 35.3620, 54.4977, 17.0428 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 35.3620, 54.4977, 17.0428

Background



This preview shows how black text looks on a background with the XYZ color 35.3620, 54.4977, 17.0428.

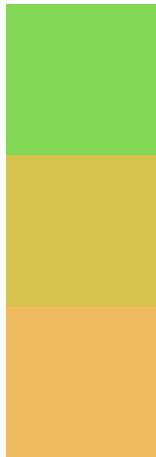


This preview shows how white text looks on a background with the XYZ color 35.3620, 54.4977,

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

35.3620, 54.4977, 17.0428

Protanopia

48.9858, 53.7326, 14.9973

Deuteranopia

54.9213, 53.8390, 17.8532



Tritanopia

46.8556, 54.0309, 74.9773

Trichromacy



Original Color

35.3620, 54.4977, 17.0428



Protanomaly

42.5761, 53.1345, 15.6014



Deuteranomaly

45.1386, 52.3602, 17.4003



Tritanomaly

41.0701, 53.4572, 46.1839

Monochromacy



Original Color

35.3620, 54.4977, 17.0428



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

37.5940, 46.1508, 32.5178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3620, 54.4977, 17.0428 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(130, 216, 84)` looks like.

```
.text, #text, p{  
    color:rgb(130, 216, 84)  
}
```

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(130, 216, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 216, 84) }
```

Border

The CSS property to change the border of an element to XYZ 35.3620, 54.4977, 17.0428 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(130, 216, 84) }
```


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

```
.border{ border-color:rgb(130, 216, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 216, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 216, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 216, 84);  
box-shadow:4px 4px 4px 4px rgb(130, 216,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3620, 54.4977, 17.0428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 216, 84) }
```

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

```
.background{ background-color: rgb(130,  
216, 84) }
```

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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