

Converting Colors

XYZ(32.5506, 54.9744, 17.4899)

Have a look what the booklet for
XYZ(32.5506, 54.9744, 17.4899)
contains.

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Color

**XYZ(32.5331, 54.9655,
17.4890)**

Conversions

Conversions Part 1

Format	Color
Hex	62DD55
RGB	98, 221, 85
RGB Percent	38%, 87%, 33%
CMY	0.6157, 0.1333, 0.6667
CMYK	0.56, 0.00, 0.62, 0.13
HSL	114°, 67%, 60%
HSV	114°, 62%, 87%
XYZ	32.5331, 54.9655, 17.4890
YIQ	168.7190, -29.6520, -68.3720

Conversions

Conversions Part 2

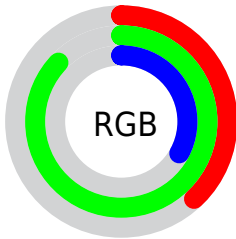
Format	Color
RYB	85, 221, 208
Decimal	6479189
CIELab	79.02, -59.82, 55.11
CIELCh	79, 81.337, 137.345
Yxy	54.9655, 0.3099, 0.5235
Android (android.graphics.Color)	4284669269 (0xFF62DD55)
YUV	168.7190, -41.2735, -62.0206
Hunter-Lab	74.1387, -51.4145, 37.9109

Details

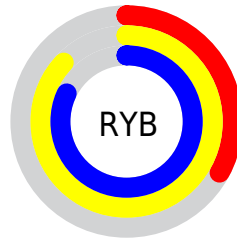
The XYZ color **32.5331, 54.9655, 17.4890** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **42.3154, 25.1294, 71.0299**, and the grayscale version is **37.7823, 39.7499, 43.2877**.

A 20% lighter version of the original color is **54.5208, 80.6532, 37.1202**, and **13.9740, 27.1535, 5.6033** is the 20% darker color. If you saturate the color by 10%, you get **29.8949, 53.6932, 13.4767**, and if you desaturate by 10%, it is **35.9866, 56.6297, 22.9726**.

Distribution



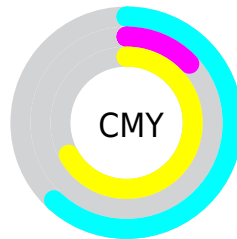
- Red (38%)
- Green (87%)
- Blue (33%)



- Red (33%)
- Yellow (87%)
- Blue (82%)



- Cyan (56%)
- Magenta (0%)
- Yellow (62%)
- Black (13%)



- Cyan (62%)
- Magenta (13%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5331, 54.9655, 17.4890 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 32.5331, 54.9655, 17.4890 by changing the saturation by 10% instead.

■ 32.5331, 54.9655,
17.4890

■ 32.5331, 54.9655,
17.4890

305.2429,
405.7811, 250.1134

■ 21.9265, 39.3741,
10.4181

■ 63.0055, 97.4904,
39.9668

■ 13.9192, 27.0509,
5.5678

■ 83.6020, 125.1927,
56.2107

■ 8.1458, 17.6114,
2.5196

■ 108.2592,
157.7008, 76.3494

■ 4.2410, 10.6714,
0.8505

■ 137.3424,
195.3990, 100.8014

■ 1.8394, 5.8463,
0.0000

171.2170,
238.6717, 129.9853

■ 0.5412, 2.7519,
0.0000

210.2484,

■ 0.0000, 1.0036,

287.9034, 164.3196

0.0000

254.8019,
343.4784, 204.2228

■ 0.0000, 0.0000,
0.0000

■ 32.5331, 54.9655,
17.4890

■ 32.5331, 54.9655,
17.4890

■ 29.8949, 53.6932,
13.4767

■ 35.9866, 56.6297,
22.9726

■ 28.0006, 52.7742,
10.7905

■ 40.3111, 58.7069,
30.0472

■ 26.7732, 52.1739,
9.2623

■ 45.5621, 61.2251,
38.8245

■ 26.1694, 51.8760,
8.6338

■ 51.7893, 64.2076,
49.4049

■ 59.0388, 67.6762,
61.8814

■ 67.3539, 71.6514,
76.3401

■ 76.7752, 76.1523,
92.8623

■ 85.1476, 80.1952,
105.5992

Harmonies

Analogous

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



43.5027, 54.9655, 8.7150



32.5331, 54.9655, 17.4890



27.3789, 54.9655, 42.3662

Triad

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



32.5331, 54.9655, 17.4890



45.7165, 54.9655, 195.7543



87.9399, 54.9655, 37.0133

Complementary

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



32.5331, 54.9655, 17.4890



42.3154, 25.1294, 71.0299

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.



88.8758, 54.9655, 81.5783



32.5331, 54.9655, 17.4890



62.0820, 54.9655, 191.6243

Square

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



32.5331, 54.9655, 17.4890



33.8640, 54.9655, 152.2538



78.6393, 54.9655, 142.8440



76.2978, 54.9655, 15.3149

Rectangle

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



32.5331, 54.9655, 17.4890



27.0546, 54.9655, 71.9818



78.6393, 54.9655, 142.8440



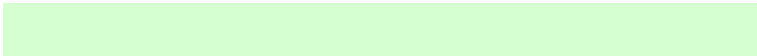
89.5914, 54.9655, 49.1608

Sweetspot

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



32.5344, 54.9678, 17.4902



74.8628, 90.3473, 73.8796



53.8709, 60.8506, 17.5012



15.4221, 19.0501, 14.7817



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.



32.5344, 54.9678, 17.4902



40.4382, 73.8171, 17.3176



34.2941, 55.5226, 33.4906



13.0014, 14.6654, 13.8710



15.2439, 30.1560, 5.0173



1.0280, 1.9745, 0.3269

Inverse Universe

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



42.3154, 25.1294, 71.0299



54.9303, 29.1507, 97.3392



40.0074, 24.6458, 39.0161



13.4853, 13.2083, 16.4908



21.4532, 10.1837, 40.5733



1.4263, 0.6785, 2.6302

Previews

White Background



This preview shows how the XYZ color 32.5331, 54.9655, 17.4890 looks on a white background.

Color Contrast Check

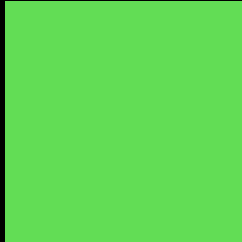
Large Text (above 18pt) WCAG AA × Fail

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 32.5331, 54.9655, 17.4890 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 32.5331, 54.9655, 17.4890

Background



This preview shows how black text looks on a background with the XYZ color 32.5331, 54.9655, 17.4890.

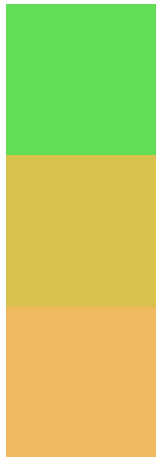


This preview shows how white text looks on a background with the XYZ color 32.5331, 54.9655,

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

32.5331, 54.9655, 17.4890

Protanopia

48.9502, 53.7183, 14.8099

Deuteranopia

55.0569, 53.8932, 18.5669



Tritanopia

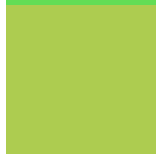
44.6695, 54.5967, 78.7049

Trichromacy



Original Color

32.5331, 54.9655, 17.4890



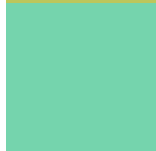
Protanomaly

40.2744, 52.6492, 15.6290



Deuteranomaly

42.8649, 51.8522, 17.8745



Tritanomaly

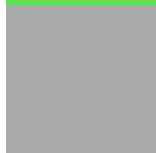
38.4224, 53.8860, 47.9111

Monochromacy



Original Color

32.5331, 54.9655, 17.4890



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

33.8984, 43.6411, 30.6817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5331, 54.9655, 17.4890 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(98, 221, 85)` looks like.

```
.text, #text, p{  
    color:rgb(98, 221, 85)  
}
```

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(98, 221, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 221, 85) }
```

Border

The CSS property to change the border of an element to XYZ 32.5331, 54.9655, 17.4890 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(98, 221, 85) }
```


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

```
.border{ border-color:rgb(98, 221, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 221, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 221, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 221, 85);  
box-shadow:4px 4px 4px 4px rgb(98, 221,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5331, 54.9655, 17.4890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 221, 85) }
```

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

```
.background{ background-color: rgb(98, 221,  
85) }
```

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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