

Converting Colors

XYZ(32.5976, 45.1510, 17.3116)

Have a look what the booklet for
XYZ(32.5976, 45.1510, 17.3116)
contains.

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Color

**XYZ(32.5953, 45.2135,
17.3651)**

Conversions

Conversions Part 1

Format	Color
Hex	8FC25D
RGB	143, 194, 93
RGB Percent	56%, 76%, 36%
CMY	0.4392, 0.2392, 0.6353
CMYK	0.26, 0.00, 0.52, 0.24
HSL	90°, 45%, 56%
HSV	90°, 52%, 76%
XYZ	32.5953, 45.2135, 17.3651
YIQ	167.2370, 2.0250, -42.2230

Conversions

Conversions Part 2

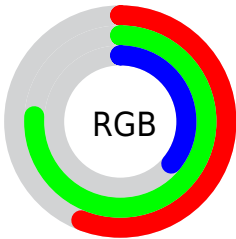
Format	Color
RYB	93, 194, 144
Decimal	9421405
CIELab	73.03, -33.78, 45.04
CIELCh	73, 56.304, 126.868
Yxy	45.2135, 0.3425, 0.4751
Android (android.graphics.Color)	4287611485 (0xFF8FC25D)
YUV	167.2370, -36.5988, -21.2558
Hunter-Lab	67.2410, -31.1432, 31.7569

Details

The XYZ color **32.5953, 45.2135, 17.3651** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **25.1555, 17.6544, 53.1232**, and the grayscale version is **37.0195, 38.9474, 42.4137**.

A 20% lighter version of the original color is **63.2387, 83.2118, 39.9226**, and **13.9158, 21.0472, 5.5196** is the 20% darker color. If you saturate the color by 10%, you get **30.2204, 44.0776, 13.3236**, and if you desaturate by 10%, it is **35.3385, 46.5169, 22.5634**.

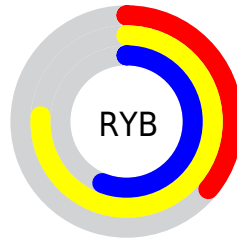
Distribution



Red (56%)

Green (76%)

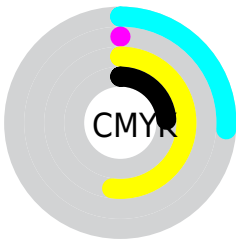
Blue (36%)



Red (36%)

Yellow (76%)

Blue (56%)

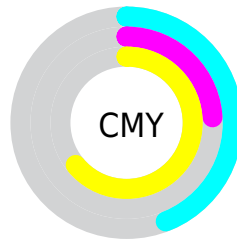


Cyan (26%)

Magenta (0%)

Yellow (52%)

Black (24%)



Cyan (44%)

Magenta (24%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5953, 45.2135, 17.3651 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 32.5953, 45.2135, 17.3651 by changing the saturation by 10% instead.

■ 32.5953, 45.2135,
17.3651

■ 32.5953, 45.2135,
17.3651

305.5195,
367.6376, 249.3824

■ 21.9743, 31.6256,
10.3304

■ 63.1021, 83.0407,
39.7517

■ 13.9545, 21.0757,
5.5101

■ 83.7186, 108.0488,
55.9407

■ 8.1706, 13.1794,
2.4857

■ 108.3978,
137.6325, 76.0182

■ 4.2570, 7.5522,
0.8325

■ 137.5048,
172.1760, 100.4027

■ 1.8485, 3.8098,
0.0000

171.4052,
212.0639, 129.5129

■ 0.5467, 1.5677,
0.0000

210.4642,

■ 0.0000, 0.3357,

257.6806, 163.7672

0.0000

255.0472,
309.4103, 203.5842

■ 0.0000, 0.0000,
0.0000

■ 32.5953, 45.2135,
17.3651

■ 32.5953, 45.2135,
17.3651

■ 30.2204, 44.0776,
13.3236

■ 35.3385, 46.5169,
22.5634

■ 28.1900, 43.0947,
10.3473

■ 38.4654, 47.9898,
28.9951

■ 26.4819, 42.2569,
8.3354

■ 41.9944, 49.6414,
36.7336

■ 25.0691, 41.5530,
7.1663

■ 45.9416, 51.4786,
45.8458

■ 24.1203, 41.0742,
6.6568

■ 50.3219, 53.5078,
56.3939

■ 55.1497, 55.7351,
68.4364

■ 60.4385, 58.1662,
82.0285

■ 66.2012, 60.8067,
97.2226

■ 70.3533, 62.8230,
103.0258

Harmonies

Analogous

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



40.7517, 45.2135, 12.6554



32.5953, 45.2135, 17.3651



27.8212, 45.2135, 30.8679

Triad

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



32.5953, 45.2135, 17.3651



35.9634, 45.2135, 117.7374



64.6215, 45.2135, 43.0320

Complementary

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



32.5953, 45.2135, 17.3651



25.1555, 17.6544, 53.1232

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.



62.8206, 45.2135, 73.7248



32.5953, 45.2135, 17.3651



45.2758, 45.2135, 124.9745

Square

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



32.5953, 45.2135, 17.3651



29.5484, 45.2135, 89.4077



55.3507, 45.2135, 106.5285



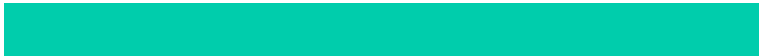
59.9521, 45.2135, 23.3564

Rectangle

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



32.5953, 45.2135, 17.3651



26.7191, 45.2135, 46.3289



55.3507, 45.2135, 106.5285



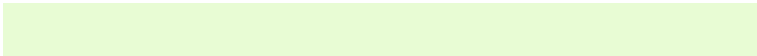
64.7627, 45.2135, 52.2493

Sweetspot

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



32.5964, 45.2155, 17.3661



80.1387, 91.8248, 75.8259



34.1234, 32.0567, 14.7457



17.2215, 19.9560, 15.8487



0.0000, 0.0000, 0.0000



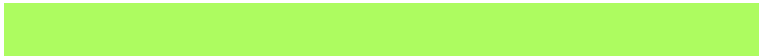
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.5964, 45.2155, 17.3661



54.3846, 79.6782, 23.5627



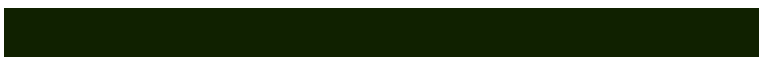
25.7831, 41.7031, 17.0472



10.4087, 11.4981, 10.7326



15.9521, 27.0524, 4.3809



0.7688, 1.2099, 0.1930

Inverse Universe

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



25.1555, 17.6544, 53.1232



39.4912, 24.5205, 95.1213



35.9019, 23.1943, 53.6261



10.0022, 9.9923, 12.6864



9.8063, 4.3158, 33.8728



0.5032, 0.2274, 1.4673

Previews

White Background



This preview shows how the XYZ color 32.5953, 45.2135, 17.3651 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 32.5953, 45.2135, 17.3651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

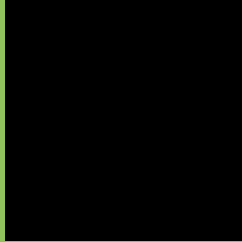
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5953, 45.2135, 17.3651

Background



This preview shows how black text looks on a background with the XYZ color 32.5953, 45.2135, 17.3651.



This preview shows how white text looks on a background with the XYZ color 32.5953, 45.2135,

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

32.5953, 45.2135, 17.3651

Protanopia

41.1703, 44.9505, 15.7389

Deuteranopia

45.5403, 44.5557, 18.0043



Tritanopia

41.1121, 45.1673, 59.3746

Trichromacy



Original Color

32.5953, 45.2135, 17.3651

Protanomaly

37.3461, 44.4841, 16.2908

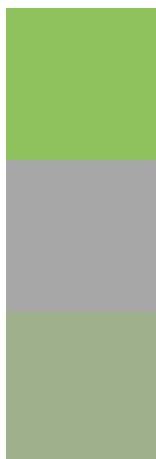
Deuteranomaly

39.7636, 44.1796, 17.7410

Tritanomaly

37.1652, 44.8162, 39.4925

Monochromacy



Original Color

32.5953, 45.2135, 17.3651

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

34.5563, 40.6068, 30.8275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5953, 45.2135, 17.3651 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(143, 194, 93)` looks like.

```
.text, #text, p{  
    color:rgb(143, 194, 93)  
}
```

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(143, 194, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 194, 93) }
```

Border

The CSS property to change the border of an element to XYZ 32.5953, 45.2135, 17.3651 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(143, 194, 93) }
```


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

```
.border{ border-color:rgb(143, 194, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 194, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 194, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 194, 93);  
box-shadow:4px 4px 4px 4px rgb(143, 194,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5953, 45.2135, 17.3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 194, 93) }
```

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

```
.background{ background-color: rgb(143,  
194, 93) }
```

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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