

Converting Colors

XYZ(32.6576, 45.2151, 18.8083)

Have a look what the booklet for
XYZ(32.6576, 45.2151, 18.8083)
contains.

XYZ(32.6992, 45.2352, 18.8122)	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(32.6992, 45.2352,
18.8122)**

Conversions

Conversions Part 1

Format	Color
Hex	8EC263
RGB	142, 194, 99
RGB Percent	56%, 76%, 39%
CMY	0.4431, 0.2392, 0.6118
CMYK	0.27, 0.00, 0.49, 0.24
HSL	93°, 44%, 57%
HSV	93°, 49%, 76%
XYZ	32.6992, 45.2352, 18.8122
YIQ	167.6220, -0.4970, -40.5690

Conversions

Conversions Part 2

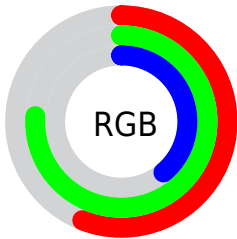
Format	Color
RYB	99, 194, 151
Decimal	9355875
CIELab	73.05, -33.47, 42.14
CIELCh	73, 53.812, 128.462
Yxy	45.2352, 0.3380, 0.4676
Android (android.graphics.Color)	4287545955 (0xFF8EC263)
YUV	167.6220, -33.8306, -22.4705
Hunter-Lab	67.2571, -30.9165, 30.4962

Details

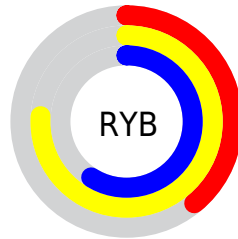
The XYZ color **32.6992, 45.2352, 18.8122** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **26.9640, 19.3994, 53.3648**, and the grayscale version is **37.1958, 39.1329, 42.6157**.

A 20% lighter version of the original color is **63.4534, 83.2671, 42.4336**, and **14.0523, 21.1018, 6.2381** is the 20% darker color. If you saturate the color by 10%, you get **30.1451, 44.0145, 14.4194**, and if you desaturate by 10%, it is **35.6520, 46.6385, 24.3884**.

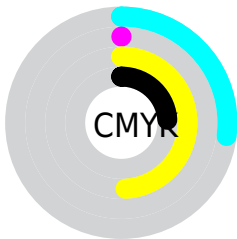
Distribution



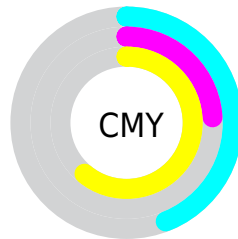
- Red (56%)
- Green (76%)
- Blue (39%)



- Red (39%)
- Yellow (76%)
- Blue (59%)



- Cyan (27%)
- Magenta (0%)
- Yellow (49%)
- Black (24%)



- Cyan (44%)
- Magenta (24%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6992, 45.2352, 18.8122 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 32.6992, 45.2352, 18.8122 by changing the saturation by 10% instead.

■ 32.6992, 45.2352,
18.8122

■ 32.6992, 45.2352,
18.8122

305.9811,
367.7253, 257.7981

■ 22.0542, 31.6427,
11.3592

■ 63.2634, 83.0732,
42.2490

■ 14.0136, 21.0888,
6.1918

■ 83.9134, 108.0876,
59.0699

■ 8.2119, 13.1889,
2.8914

■ 108.6292,
137.6780, 79.8505

■ 4.2838, 7.5587,
1.0394

■ 137.7760,
172.2290, 105.0093

■ 1.8639, 3.8139,
0.0000

171.7192,
212.1247, 134.9650

■ 0.5557, 1.5700,
0.0000

210.8243,

■ 0.0000, 0.3373,

257.7498, 170.1360

0.0000

255.4565,
309.4885, 210.9408

■ 0.0000, 0.0000,
0.0000

■ 32.6992, 45.2352,
18.8122

■ 32.6992, 45.2352,
18.8122

■ 30.1451, 44.0145,
14.4194

■ 35.6520, 46.6385,
24.3884

■ 27.9653, 42.9615,
11.1215

■ 39.0193, 48.2266,
31.2223

■ 26.1374, 42.0682,
8.8221


■ 42.8203, 50.0093,
39.3855


■ 24.6345, 41.3232,
7.4069


■ 47.0714, 51.9937,
48.9433


■ 23.4140, 40.7088,
6.6810

■ 51.7885, 54.1866,
59.9569

 23.2988, 40.6507,
6.6184

 56.9864, 56.5943,
72.4836

 62.6793, 59.2231,
86.5777

 68.8808, 62.0787,
102.2910

 72.4614, 63.9098,
103.1244

Harmonies

Analogous

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



40.3882, 45.2352, 13.7343



32.6992, 45.2352, 18.8122



28.2721, 45.2352, 32.5818

Triad

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



32.6992, 45.2352, 18.8122



36.6917, 45.2352, 114.8397



63.4765, 45.2352, 42.0189

Complementary

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



32.6992, 45.2352, 18.8122



26.9640, 19.3994, 53.3648

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.



62.1045, 45.2352, 70.8182



32.6992, 45.2352, 18.8122



45.7110, 45.2352, 120.2912

Square

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



32.6992, 45.2352, 18.8122



30.3324, 45.2352, 88.9994



55.2519, 45.2352, 101.9540



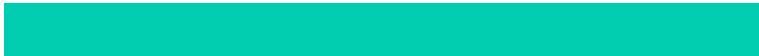
58.7659, 45.2352, 23.5528

Rectangle

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



32.6992, 45.2352, 18.8122



27.3328, 45.2352, 47.8762



55.2519, 45.2352, 101.9540



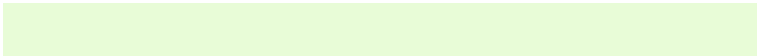
63.7236, 45.2352, 50.6568

Sweetspot

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



32.7003, 45.2372, 18.8132



80.3523, 91.8978, 77.5121



35.3553, 34.0784, 16.5194



17.2428, 19.9595, 16.1874



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.



32.7003, 45.2372, 18.8132



54.2019, 79.5418, 25.4615



26.8453, 42.2010, 19.3451



10.3677, 11.4770, 10.7307



15.4095, 26.7727, 4.3555



0.7451, 1.1976, 0.1919

Inverse Universe

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



26.9640, 19.3994, 53.3648



42.5595, 27.1770, 95.4724



36.0974, 24.1485, 51.9551



10.0434, 10.0135, 12.6883



10.4211, 4.6327, 33.9016



0.5288, 0.2407, 1.4685

Previews

White Background



This preview shows how the XYZ color 32.6992, 45.2352, 18.8122 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 32.6992, 45.2352, 18.8122 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 32.6992, 45.2352, 18.8122

Background



This preview shows how black text looks on a background with the XYZ color 32.6992, 45.2352, 18.8122.



This preview shows how white text looks on a background with the XYZ color 32.6992, 45.2352,

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

32.6992, 45.2352, 18.8122

Protanopia

41.1664, 44.9187, 17.0901

Deuteranopia

45.5398, 44.5211, 19.5578



Tritanopia

41.0312, 45.1123, 59.9710

Trichromacy



Original Color

32.6992, 45.2352, 18.8122

Protanomaly

37.3833, 44.4726, 17.6801

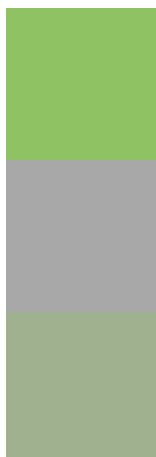
Deuteranomaly

39.8035, 44.1666, 19.2591

Tritanomaly

37.2408, 44.8247, 40.8716

Monochromacy



Original Color

32.6992, 45.2352, 18.8122

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

34.9781, 40.7984, 32.0179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6992, 45.2352, 18.8122 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(142, 194, 99)` looks like.

```
.text, #text, p{  
    color:rgb(142, 194, 99)  
}
```

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(142, 194, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 194, 99) }
```

Border

The CSS property to change the border of an element to XYZ 32.6992, 45.2352, 18.8122 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(142, 194, 99) }
```


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

```
.border{ border-color:rgb(142, 194, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 194, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 194, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 194, 99);  
box-shadow:4px 4px 4px 4px rgb(142, 194,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6992, 45.2352, 18.8122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 194, 99) }
```

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

```
.background{ background-color: rgb(142,  
194, 99) }
```

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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