

Converting Colors

XYZ(32.7060, 52.6324, 8.4353)

Have a look what the booklet for
XYZ(32.7060, 52.6324, 8.4353)
contains.

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Color

**XYZ(32.6508, 52.5288,
8.4182)**

Conversions

Conversions Part 1

Format	Color
Hex	7ED600
RGB	126, 214, 0
RGB Percent	49%, 84%, 0%
CMY	0.5059, 0.1608, 0.9999
CMYK	0.41, 0.00, 1.00, 0.16
HSL	85°, 100%, 42%
HSV	85°, 100%, 84%
XYZ	32.6508, 52.5288, 8.4182
YIQ	163.2920, 16.2460, -85.2100

Conversions

Conversions Part 2

Format	Color
RYB	0, 214, 88
Decimal	8312320
CIELab	77.60, -53.25, 76.17
CIELCh	78, 92.940, 124.959
Yxy	52.5288, 0.3488, 0.5612
Android (android.graphics.Color)	4286502400 (0xFF7ED600)
YUV	163.2920, -80.5030, -32.7051
Hunter-Lab	72.4768, -46.4200, 43.8472

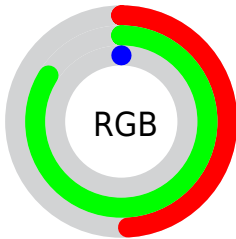
Details

The XYZ color **32.6508, 52.5288, 8.4182** is a dark color, and the websafe version is hex **66CC00**.

The color can be described as dark washed chartreuse. A complement of this color would be **16.1660, 6.9321, 64.1073**, and the grayscale version is **35.3173, 37.1566, 40.4635**.

A 20% lighter version of the original color is **57.4073, 82.4902, 21.4908**, and **14.3412, 25.5437, 4.1746** is the 20% darker color. If you saturate the color by 10%, you get **32.6502, 52.5302, 8.4185**, and if you desaturate by 10%, it is **34.1468, 53.2856, 9.2158**.

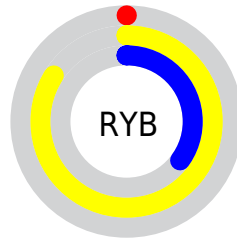
Distribution



Red (49%)

Green (84%)

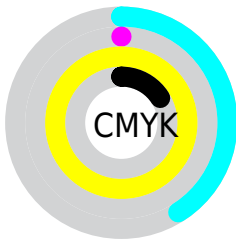
Blue (0%)



Red (0%)

Yellow (84%)

Blue (35%)

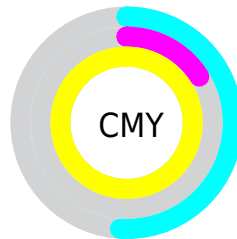


Cyan (41%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (51%)

Magenta (16%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6508, 52.5288, 8.4182 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 32.6508, 52.5288, 8.4182 by changing the saturation by 10% instead.

■ 32.6508, 52.5288,
8.4182

■ 32.6508, 52.5288,
8.4182

305.7662,
396.4747, 189.0317

■ 22.0170, 37.4267,
4.2721

■ 63.1883, 93.9106,
23.3339

■ 13.9861, 25.5381,
1.7758

■ 83.8227, 120.9592,
34.9405

■ 8.1926, 16.4784,
0.4119

■ 108.5214,
152.7588, 49.8711

■ 4.2713, 9.8633,
0.0000

■ 137.6497,
189.6936, 68.5441

■ 1.8567, 5.3084,
0.0000

■ 171.5730,
232.1483, 91.3781

■ 0.5515, 2.4293,
0.0000

■ 210.6566,

■ 0.0000, 0.8409,

280.5071, 118.7917

0.0000

255.2658,
335.1544, 151.2034

■ 0.0000, 0.0000,
0.0000

■ 32.6508, 52.5288,
8.4182

■ 32.6508, 52.5288,
8.4182

■ 32.6502, 52.5302,
8.4185

■ 34.1468, 53.2856,
9.2158

■ 35.9130, 54.1622,
10.8305

■ 38.0044, 55.1827,
13.5329

■ 40.4520, 56.3598,
17.4723

■ 43.2823, 57.7045,
22.7748

■ 46.5187, 59.2263,
29.5506

■ 50.1823, 60.9340,
37.8989

■ 54.2928, 62.8356,
47.9103

■ 58.8681, 64.9388,
59.6682

Harmonies

Analogous

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



47.0035, 52.5288, 4.4286



32.6508, 52.5288, 8.4182



24.7359, 52.5288, 24.7347

Triad

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



32.6508, 52.5288, 8.4182



36.6996, 52.5288, 201.5714



92.7970, 52.5288, 49.0713

Complementary

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



32.6508, 52.5288, 8.4182



16.1660, 6.9321, 64.1073

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.



88.1683, 52.5288, 110.0488



32.6508, 52.5288, 8.4182



52.9694, 52.5288, 222.9404

Square

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



32.6508, 52.5288, 8.4182



26.6507, 52.5288, 134.5595



72.4229, 52.5288, 182.4296



83.8821, 52.5288, 17.2020

Rectangle

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



32.6508, 52.5288, 8.4182



22.8393, 52.5288, 48.9431



72.4229, 52.5288, 182.4296



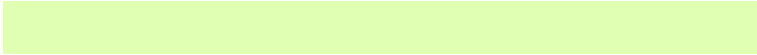
92.7904, 52.5288, 66.3257

Sweetspot

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



32.6520, 52.5311, 8.4193



74.4434, 90.5279, 55.9332



31.0304, 20.8916, 2.3978



15.4222, 19.1386, 10.7844



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.



32.6520, 52.5311, 8.4193



48.3604, 78.0158, 12.5097



24.3662, 48.2596, 8.0316



12.9561, 14.2536, 13.2291



19.8548, 31.8119, 5.0938



1.2905, 1.9667, 0.3116

Inverse Universe

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



16.1660, 6.9321, 64.1073



23.8612, 10.2158, 95.3220



34.0307, 16.1417, 64.9434



12.2215, 12.2556, 15.6589



9.8815, 4.2466, 38.7520



0.6888, 0.3040, 2.3417

Previews

White Background



This preview shows how the XYZ color 32.6508, 52.5288, 8.4182 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 32.6508, 52.5288, 8.4182 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 32.6508, 52.5288, 8.4182

Background



This preview shows how black text looks on a background with the XYZ color 32.6508, 52.5288, 8.4182.



This preview shows how white text looks on a background with the XYZ color 32.6508, 52.5288,

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

32.6508, 52.5288, 8.4182

Protanopia

46.6551, 51.7087, 7.5218

Deuteranopia

52.8770, 51.7402, 9.3904



Tritanopia

45.2668, 52.2372, 71.9869

Trichromacy



Original Color

32.6508, 52.5288, 8.4182

Protanomaly

39.9519, 50.9141, 7.7217

Deuteranomaly

42.8210, 50.3612, 8.5007

Tritanomaly

37.0927, 50.6546, 31.4892

Monochromacy



Original Color

32.6508, 52.5288, 8.4182

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

31.8043, 40.9394, 19.3225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6508, 52.5288, 8.4182 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(126, 214, 0)` looks like.

```
.text, #text, p{  
    color:rgb(126, 214, 0)  
}
```

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(126, 214, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 214, 0) }
```

Border

The CSS property to change the border of an element to XYZ 32.6508, 52.5288, 8.4182 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(126, 214, 0) }
```


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

```
.border{ border-color:rgb(126, 214, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 214, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 214, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 214, 0);  
box-shadow:4px 4px 4px 4px rgb(126, 214,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6508, 52.5288, 8.4182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 214, 0) }
```

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

```
.background{ background-color: rgb(126,  
214, 0) }
```

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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