

Converting Colors

XYZ(32.5768, 52.5200, 10.5000)

Have a look what the booklet for
XYZ(32.5768, 52.5200, 10.5000)
contains.

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Color

**XYZ(32.4728, 52.3908,
10.4988)**

Conversions

Conversions Part 1

Format	Color
Hex	7AD629
RGB	122, 214, 41
RGB Percent	48%, 84%, 16%
CMY	0.5216, 0.1608, 0.8392
CMYK	0.43, 0.00, 0.81, 0.16
HSL	92°, 68%, 50%
HSV	92°, 81%, 84%
XYZ	32.4728, 52.3908, 10.4988
YIQ	166.7700, 0.7010, -73.3070

Conversions

Conversions Part 2

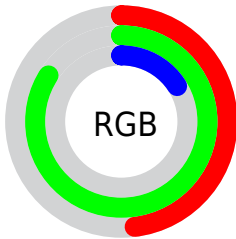
Format	Color
RYB	41, 214, 133
Decimal	8050217
CIELab	77.51, -53.54, 69.52
CIELCh	78, 87.745, 127.600
Yxy	52.3908, 0.3405, 0.5494
Android (android.graphics.Color)	4286240297 (0xFF7AD629)
YUV	166.7700, -62.0046, -39.2633
Hunter-Lab	72.3815, -46.5864, 42.0671

Details

The XYZ color **32.4728, 52.3908, 10.4988** 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 **22.6065, 11.4294, 64.6359**, and the grayscale version is **36.9122, 38.8345, 42.2908**.

A 20% lighter version of the original color is **57.2143, 82.3031, 25.4409**, and **14.1513, 25.4458, 4.1657** is the 20% darker color. If you saturate the color by 10%, you get **30.6780, 51.4993, 8.9671**, and if you desaturate by 10%, it is **34.6616, 53.4653, 13.1095**.

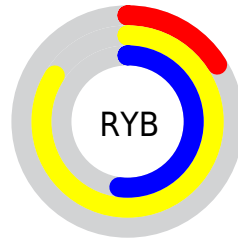
Distribution



Red (48%)

Green (84%)

Blue (16%)



Red (16%)

Yellow (84%)

Blue (52%)

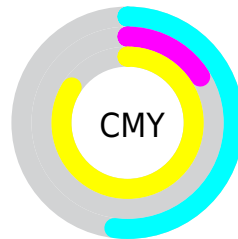


Cyan (43%)

Magenta (0%)

Yellow (81%)

Black (16%)



Cyan (52%)


Magenta (16%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.4728, 52.3908, 10.4988 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 32.4728, 52.3908, 10.4988 by changing the saturation by 10% instead.


 32.4728, 52.3908,
10.4988


 32.4728, 52.3908,
10.4988


304.9746,
395.9435, 204.8084

 21.8802, 37.3167,
5.6210


 62.9118, 93.7073,
27.3519


 13.8850, 25.4528,
2.5510


 83.4888, 120.7185,
40.1643


 8.1219, 16.4147,
0.8670


 108.1247,
152.4775, 56.4586

 4.2255, 9.8181,
0.0000

 137.1849,
189.3687, 76.6535

 1.8305, 5.2785,
0.0000

 171.0345,
231.7765, 101.1673

 0.5359, 2.4116,
0.0000

 210.0392,

 0.0000, 0.8318,

280.0853, 130.4187

0.0000

254.5640,
334.6795, 164.8262

■ 0.0000, 0.0000,
0.0000

■ 32.4728, 52.3908,
10.4988

■ 32.4728, 52.3908,
10.4988

■ 30.6780, 51.4993,
8.9671

■ 34.6616, 53.4653,
13.1095

■ 29.3242, 50.8155,
8.2628

■ 37.2757, 54.7307,
16.9479

■ 40.3465, 56.2019,
22.1429

■ 43.9007, 57.8904,
28.8060

■ 47.9627, 59.8065,
37.0375

■ 52.5551, 61.9598,
46.9285

■ 57.6989, 64.3593,
58.5633

■ 63.4137, 67.0134,
72.0205

■ 69.7182, 69.9302,
87.3739

Harmonies

Analogous

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



45.6176, 52.3908, 5.5728



32.4728, 52.3908, 10.4988



25.3750, 52.3908, 28.4053

Triad

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



32.4728, 52.3908, 10.4988



38.4031, 52.3908, 193.7435



89.4857, 52.3908, 45.5925

Complementary

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



32.4728, 52.3908, 10.4988



22.6065, 11.4294, 64.6359

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.



86.3191, 52.3908, 100.4047



32.4728, 52.3908, 10.4988



54.2218, 52.3908, 208.1146

Square

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



32.4728, 52.3908, 10.4988



28.2190, 52.3908, 134.8277



72.3898, 52.3908, 167.2237



80.2603, 52.3908, 16.9997

Rectangle

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



32.4728, 52.3908, 10.4988



23.8590, 52.3908, 53.2327



72.3898, 52.3908, 167.2237



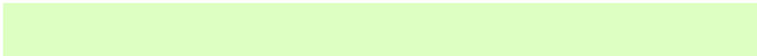
89.8663, 52.3908, 61.0344

Sweetspot

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



32.4740, 52.3931, 10.4999



75.7379, 91.0071, 64.4956



36.1678, 30.5262, 6.0845



15.6863, 19.2332, 12.6761



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.



32.4740, 52.3931, 10.4999



44.0349, 75.7810, 12.5260



25.4151, 48.7480, 10.4421



12.8096, 14.1781, 13.2222



17.8417, 30.7740, 4.9996



1.1712, 1.9051, 0.3060

Inverse Universe

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



22.6065, 11.4294, 64.6359



28.8138, 12.8922, 95.5775



40.2992, 20.5925, 63.5585



12.3669, 12.3305, 15.6657



11.6374, 5.1518, 38.8342



0.7971, 0.3598, 2.3467

Previews

White Background



This preview shows how the XYZ color 32.4728, 52.3908, 10.4988 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 32.4728, 52.3908, 10.4988 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 32.4728, 52.3908, 10.4988

Background



This preview shows how black text looks on a background with the XYZ color 32.4728, 52.3908, 10.4988.



This preview shows how white text looks on a background with the XYZ color 32.4728, 52.3908,

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

32.4728, 52.3908, 10.4988

Protanopia

46.6657, 51.6791, 9.1056

Deuteranopia

52.8842, 51.7040, 11.1956



Tritanopia

44.7218, 51.9562, 71.9614

Trichromacy



Original Color

32.4728, 52.3908, 10.4988



Protanomaly

39.8134, 50.8042, 9.4581



Deuteranomaly

42.4547, 50.1236, 10.6860



Tritanomaly

37.7416, 50.8560, 37.5328

Monochromacy



Original Color

32.4728, 52.3908, 10.4988



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

33.3542, 42.2408, 24.4845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4728, 52.3908, 10.4988 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(122, 214, 41)` looks like.

```
.text, #text, p{  
    color:rgb(122, 214, 41)  
}
```

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(122, 214, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 214, 41) }
```

Border

The CSS property to change the border of an element to XYZ 32.4728, 52.3908, 10.4988 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(122, 214, 41) }
```


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

```
.border{ border-color:rgb(122, 214, 41) }
```

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

Here you see how a box with a 4 pixel rgb(122, 214, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 214, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 214, 41);  
box-shadow:4px 4px 4px 4px rgb(122, 214,  
41) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4728, 52.3908, 10.4988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 214, 41) }
```

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

```
.background{ background-color: rgb(122,  
214, 41) }
```

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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