

Converting Colors

XYZ(32.8164, 46.4141, 29.0590)

Have a look what the booklet for
XYZ(32.8164, 46.4141, 29.0590)
contains.

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Color

**XYZ(32.8164, 46.4141,
29.0590)**

Conversions

Conversions Part 1

Format	Color
Hex	7DC684
RGB	125, 198, 132
RGB Percent	49%, 78%, 52%
CMY	0.5098, 0.2235, 0.4823
CMYK	0.37, 0.00, 0.33, 0.22
HSL	126°, 39%, 63%
HSV	126°, 37%, 78%
XYZ	32.8164, 46.4141, 29.0590
YIQ	168.6490, -22.3220, -36.0020

Conversions

Conversions Part 2

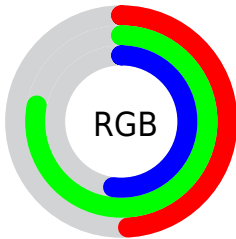
Format	Color
RYB	125, 192, 198
Decimal	8242820
CIELab	73.81, -36.36, 26.08
CIELCh	74, 44.747, 144.344
Yxy	46.4141, 0.3030, 0.4286
Android (android.graphics.Color)	4286432900 (0xFF7DC684)
YUV	168.6490, -18.0680, -38.2802
Hunter-Lab	68.1279, -33.2425, 22.4002

Details

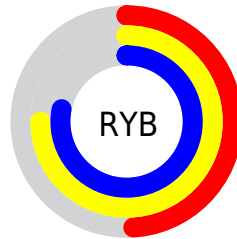
The XYZ color **32.8164, 46.4141, 29.0590** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **40.0278, 30.4355, 53.0569**, and the grayscale version is **37.6339, 39.5938, 43.1177**.

A 20% lighter version of the original color is **63.4453, 84.7685, 59.4724**, and **14.1687, 21.9334, 11.4694** is the 20% darker color. If you saturate the color by 10%, you get **29.0873, 44.6226, 23.0295**, and if you desaturate by 10%, it is **37.3344, 48.5906, 36.2247**.

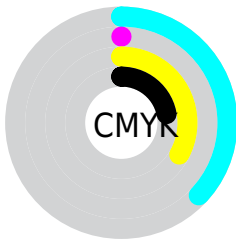
Distribution



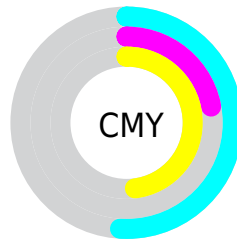
- Red (49%)
- Green (78%)
- Blue (52%)



- Red (49%)
- Yellow (75%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (33%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8164, 46.4141, 29.0590 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 32.8164, 46.4141, 29.0590 by changing the saturation by 10% instead.

■ 32.8164, 46.4141,
29.0590

■ 32.8164, 46.4141,
29.0590

306.5012,
372.4710, 311.5629

■ 22.1444, 32.5727,
18.8795

■ 63.4454, 84.8384,
59.2141

■ 14.0802, 21.7993,
11.4073

■ 84.1331, 110.1901,
80.0268

■ 8.2586, 13.7095,
6.2239

■ 108.8900,
140.1474, 105.2210

■ 4.3140, 7.9189,
2.9107

138.0816,
175.0946, 135.2152

■ 1.8813, 4.0431,
1.0492

172.0731,
215.4162, 170.4279

■ 0.5659, 1.6977,
0.0000

211.2300,

■ 0.0000, 0.4222,

261.4965, 211.2777

0.0000

255.9176,
313.7200, 258.1832

■ 0.0000, 0.0000,
0.0000

■ 32.8164, 46.4141,
29.0590

■ 32.8164, 46.4141,
29.0590

■ 29.0873, 44.6226,
23.0295

■ 37.3344, 48.5906,
36.2247

■ 26.0982, 43.1883,
18.0751

■ 42.6791, 51.1666,
44.5774

■ 23.8007, 42.0887,
14.1333


■ 48.8904, 54.1628,
54.1687


■ 22.1388, 41.2966,
11.1342


■ 56.0046, 57.5969,
65.0462

■ 21.0478, 40.7803,
8.9992

■ 64.0556, 61.4855,
77.2550

 20.4437, 40.4984,
7.6363

 73.0759, 65.8443,
90.8380

 20.3124, 40.4370,
7.3501

 79.4850, 68.8700,
103.7117

Harmonies

Analogous

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



38.1051, 46.4141, 20.2080



32.8164, 46.4141, 29.0590



30.5761, 46.4141, 46.3408

Triad

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



32.8164, 46.4141, 29.0590



42.6246, 46.4141, 107.8733



59.5719, 46.4141, 34.5436

Complementary

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



32.8164, 46.4141, 29.0590



40.0278, 30.4355, 53.0569

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.



61.1564, 46.4141, 54.9793



32.8164, 46.4141, 29.0590



50.7262, 46.4141, 101.8838

Square

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



32.8164, 46.4141, 29.0590



35.7853, 46.4141, 95.1469



57.7487, 46.4141, 80.6188



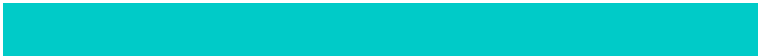
53.6468, 46.4141, 22.6435

Rectangle

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



32.8164, 46.4141, 29.0590



30.8923, 46.4141, 62.1861



57.7487, 46.4141, 80.6188



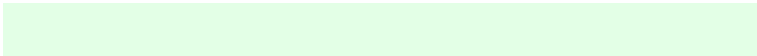
60.6575, 46.4141, 40.4420

Sweetspot

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



32.8176, 46.4160, 29.0600



81.6552, 93.5357, 88.3486



45.6148, 53.0668, 27.2412



17.1536, 19.8642, 18.4100



0.0000, 0.0000, 0.0000



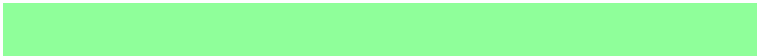
20.3446, 21.4041, 23.3091

Same Dimension

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



32.8176, 46.4160, 29.0600



52.8492, 79.6603, 42.9705



35.6820, 47.5618, 44.1437



10.5381, 11.9041, 11.5179



13.2237, 26.3018, 4.8564



0.6406, 1.2512, 0.3060

Inverse Universe

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



40.0278, 30.4355, 53.0569



67.3981, 47.3912, 91.3744



36.5752, 29.0545, 34.8755



11.0376, 10.7984, 13.1811



20.4549, 9.9315, 28.6692



0.9816, 0.4755, 1.4263

Previews

White Background



This preview shows how the XYZ color 32.8164, 46.4141, 29.0590 looks on a white background.

Color Contrast Check

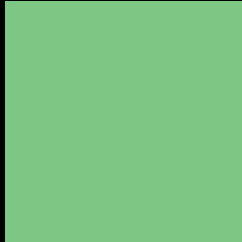
Large Text (above 18pt) WCAG AA × Fail

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 32.8164, 46.4141, 29.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

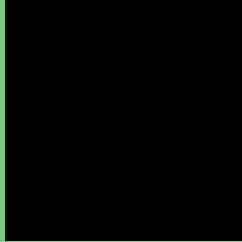
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8164, 46.4141, 29.0590

Background



This preview shows how black text looks on a background with the XYZ color 32.8164, 46.4141, 29.0590.



This preview shows how white text looks on a background with the XYZ color 32.8164, 46.4141,

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

32.8164, 46.4141, 29.0590

Protanopia

42.5286, 45.7253, 25.9864

Deuteranopia

46.6103, 45.6903, 30.0294



Tritanopia

39.7441, 46.2438, 63.9579

Trichromacy



Original Color

32.8164, 46.4141, 29.0590



Protanomaly

38.2442, 45.6452, 27.2168



Deuteranomaly

39.9235, 44.9085, 29.4857



Tritanomaly

36.7170, 45.9820, 49.0597

Monochromacy



Original Color

32.8164, 46.4141, 29.0590



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

35.4589, 41.8151, 37.6547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8164, 46.4141, 29.0590 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(125, 198, 132)` looks like.

```
.text, #text, p{  
    color:rgb(125, 198, 132)  
}
```

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(125, 198, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 198, 132) }
```

Border

The CSS property to change the border of an element to XYZ 32.8164, 46.4141, 29.0590 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(125, 198, 132) }
```


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

```
.border{ border-color:rgb(125, 198, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 198, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 198, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 198, 132); box-shadow:4px 4px 4px 4px rgb(125, 198, 132) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8164, 46.4141, 29.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 198, 132) }
```

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

```
.background{ background-color: rgb(125,  
198, 132) }
```

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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