

Converting Colors

XYZ(41.3672, 60.4453, 29.9089)

Have a look what the booklet for
XYZ(41.3672, 60.4453, 29.9089)
contains.

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Color

**XYZ(41.3672, 60.4453,
29.9089)**

Conversions

Conversions Part 1

Format	Color
Hex	8CE080
RGB	140, 224, 128
RGB Percent	55%, 88%, 50%
CMY	0.4510, 0.1216, 0.4980
CMYK	0.38, 0.00, 0.43, 0.12
HSL	113°, 61%, 69%
HSV	113°, 43%, 88%
XYZ	41.3672, 60.4453, 29.9089
YIQ	187.9400, -19.2480, -47.6640

Conversions

Conversions Part 2

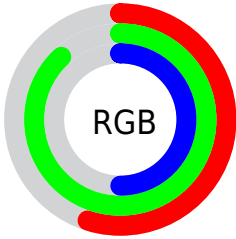
Format	Color
RYB	128, 224, 212
Decimal	9232512
CIELab	82.08, -43.84, 39.09
CIELCh	82, 58.739, 138.277
Yxy	60.4453, 0.3141, 0.4589
Android (android.graphics.Color)	4287422592 (0xFF8CE080)
YUV	187.9400, -29.5504, -42.0434
Hunter-Lab	77.7466, -41.0807, 31.6139

Details

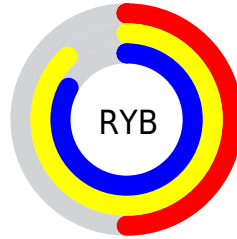
The XYZ color **41.3672, 60.4453, 29.9089** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **48.3279, 34.8191, 74.6978**, and the grayscale version is **47.9376, 50.4341, 54.9227**.

A 20% lighter version of the original color is **67.2295, 86.7677, 57.4604**, and **19.0885, 30.4724, 11.8969** is the 20% darker color. If you saturate the color by 10%, you get **37.0391, 58.3678, 22.8414**, and if you desaturate by 10%, it is **46.6121, 62.9614, 38.7207**.

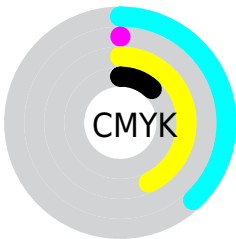
Distribution



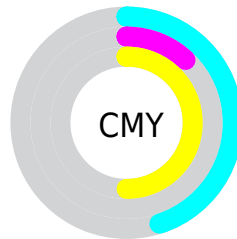
- Red (55%)
- Green (88%)
- Blue (50%)



- Red (50%)
- Yellow (88%)
- Blue (83%)



- Cyan (38%)
- Magenta (0%)
- Yellow (43%)
- Black (12%)





- Cyan (45%)
- Magenta (12%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3672, 60.4453, 29.9089 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 41.3672, 60.4453, 29.9089 by changing the saturation by 10% instead.


 41.3672, 60.4453,
29.9089


 41.3672, 60.4453,
29.9089


342.8894,
426.2372, 315.6737


 28.7951, 43.7777,
19.5180


 76.5122, 105.4754,
60.5774

 19.0693, 30.4958,
11.8646


 99.8158, 134.6066,
81.6920

 11.8247, 20.2152,
6.5301


 127.4272,
168.6611, 107.2183

 6.6958, 12.5516,
3.0961

159.7118,
208.0233, 137.5748

 3.3172, 7.1205,
1.1439

197.0350,
253.0777, 173.1801

 1.3236, 3.5376,
0.0000

239.7621,

 0.2008, 1.4184,

304.2085, 214.4526

0.0000

288.2584,
361.8002, 261.8110

■ 0.0000, 0.2302,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.3672, 60.4453,
29.9089

■ 41.3672, 60.4453,
29.9089

■ 37.0391, 58.3678,
22.8414

■ 46.6121, 62.9614,
38.7207

■ 33.5704, 56.6965,
17.3987


■ 52.8180, 65.9312,
49.3778


■ 30.9042, 55.4066,
13.4526


■ 60.0314, 69.3784,
61.9782


■ 28.9747, 54.4675,
10.8540

■ 68.2946, 73.3229,
76.6118

 27.7051, 53.8433,
9.4228

 77.6474, 77.7834,
93.3631

 27.1357, 53.5606,
8.9080

 85.9469, 81.7937,
105.8656

Harmonies

Analogous

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



50.2637, 60.4453, 19.8092



41.3672, 60.4453, 29.9089



37.0488, 60.4453, 52.8401

Triad

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



41.3672, 60.4453, 29.9089



52.7218, 60.4453, 158.3971



83.3229, 60.4453, 46.5639

Complementary

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



41.3672, 60.4453, 29.9089



48.3279, 34.8191, 74.6978

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.



84.2341, 60.4453, 80.7562



41.3672, 60.4453, 29.9089



65.2937, 60.4453, 154.7804

Square

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



41.3672, 60.4453, 29.9089



42.9420, 60.4453, 131.4218



77.2428, 60.4453, 122.8245



74.9085, 60.4453, 26.7499

Rectangle

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



41.3672, 60.4453, 29.9089



36.8624, 60.4453, 76.1899



77.2428, 60.4453, 122.8245



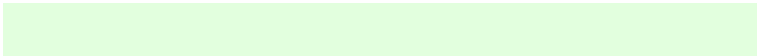
84.5573, 60.4453, 56.4269

Sweetspot

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



41.3687, 60.4479, 29.9102



80.2866, 92.9535, 82.7122



57.9834, 64.0967, 29.7388



16.7001, 19.6644, 16.8529



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.



41.3687, 60.4479, 29.9102



50.4776, 78.6800, 31.9116



42.1885, 60.5548, 44.2106



13.6872, 15.4189, 14.5615



15.8462, 31.2015, 5.1873



1.1512, 2.1900, 0.3620

Inverse Universe

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



48.3279, 34.8191, 74.6978



60.8883, 40.1812, 99.1543



47.6254, 34.9527, 52.2690



14.1176, 13.8442, 17.3158



21.1503, 9.9987, 41.8636



1.5139, 0.7177, 2.9040

Previews

White Background



This preview shows how the XYZ color 41.3672, 60.4453, 29.9089 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 41.3672, 60.4453, 29.9089 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 41.3672, 60.4453, 29.9089

Background



This preview shows how black text looks on a background with the XYZ color 41.3672, 60.4453, 29.9089.



This preview shows how white text looks on a background with the XYZ color 41.3672, 60.4453,

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

41.3672, 60.4453, 29.9089

Protanopia

54.8703, 59.5975, 26.3808

Deuteranopia

60.9732, 59.5659, 31.2054



Tritanopia

51.9844, 60.1150, 82.9922

Trichromacy



Original Color

41.3672, 60.4453, 29.9089



Protanomaly

48.6076, 59.2251, 27.6086



Deuteranomaly

51.4498, 58.4504, 30.4002



Tritanomaly

47.0192, 59.5929, 58.8936

Monochromacy



Original Color

41.3672, 60.4453, 29.9089



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

44.5642, 53.1844, 43.9932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3672, 60.4453, 29.9089 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(140, 224, 128)` looks like.

```
.text, #text, p{  
    color:rgb(140, 224, 128)  
}
```

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(140, 224, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 224, 128) }
```

Border

The CSS property to change the border of an element to XYZ 41.3672, 60.4453, 29.9089 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(140, 224, 128) }
```


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

```
.border{ border-color:rgb(140, 224, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 224, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 224, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 224, 128);  
box-shadow:4px 4px 4px 4px rgb(140, 224,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3672, 60.4453, 29.9089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 224, 128) }
```

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

```
.background{ background-color: rgb(140,  
224, 128) }
```

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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