

Converting Colors

XYZ(41.7743, 62.0877, 27.3154)

Have a look what the booklet for
XYZ(41.7743, 62.0877, 27.3154)
contains.

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Color

**XYZ(41.6141, 61.8455,
27.1969)**

Conversions

Conversions Part 1

Format	Color
Hex	8CE377
RGB	140, 227, 119
RGB Percent	55%, 89%, 47%
CMY	0.4510, 0.1098, 0.5333
CMYK	0.38, 0.00, 0.48, 0.11
HSL	108°, 66%, 68%
HSV	108°, 48%, 89%
XYZ	41.6141, 61.8455, 27.1969
YIQ	188.6750, -17.1840, -52.0320

Conversions

Conversions Part 2

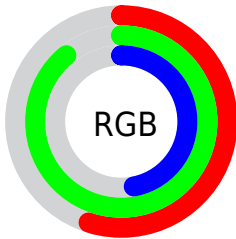
Format	Color
RYB	119, 227, 206
Decimal	9233271
CIELab	82.83, -46.33, 44.44
CIELCh	83, 64.199, 136.190
Yxy	61.8455, 0.3185, 0.4733
Android (android.graphics.Color)	4287423351 (0xFF8CE377)
YUV	188.6750, -34.3498, -42.6880
Hunter-Lab	78.6419, -43.1684, 34.5449

Details

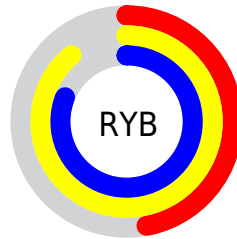
The XYZ color **41.6141, 61.8455, 27.1969** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **45.9185, 31.8635, 76.4064**, and the grayscale version is **48.3825, 50.9021, 55.4324**.

A 20% lighter version of the original color is **66.3288, 86.4074, 52.7176**, and **19.2322, 31.4159, 10.3604** is the 20% darker color. If you saturate the color by 10%, you get **37.5812, 59.9075, 20.7221**, and if you desaturate by 10%, it is **46.4878, 64.1831, 35.4131**.

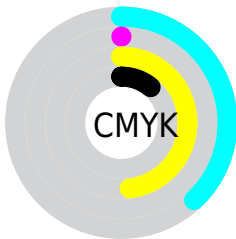
Distribution



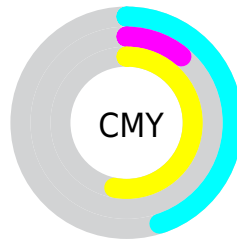
- Red (55%)
- Green (89%)
- Blue (47%)



- Red (47%)
- Yellow (89%)
- Blue (81%)



- Cyan (38%)
- Magenta (0%)
- Yellow (48%)
- Black (11%)



- Cyan (45%)
- Magenta (11%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6141, 61.8455, 27.1969 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 41.6141, 61.8455, 27.1969 by changing the saturation by 10% instead.

■ 41.6141, 61.8455,
27.1969

■ 41.6141, 61.8455,
27.1969

343.8996,
431.3673, 302.3995

■ 28.9890, 44.9079,
17.4874

■ 76.8841, 107.5022,
56.2072

■ 19.2168, 31.3849,
10.4170

■ 100.2597,
136.9901, 76.3452

■ 11.9319, 20.8921,
5.5671

■ 127.9495,
171.4301, 100.7963

■ 6.7692, 13.0451,
2.5192

160.3190,
211.2068, 129.9793

■ 3.3632, 7.4596,
0.8503

197.7333,
256.7045, 164.3125

■ 1.3486, 3.7512,
0.0000

240.5580,

■ 0.2192, 1.5354,

308.3075, 204.2146

0.0000

289.1583,
366.4003, 250.1041

■ 0.0000, 0.3134,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.6141, 61.8455,
27.1969

■ 41.6141, 61.8455,
27.1969

■ 37.5812, 59.9075,
20.7221

■ 46.4878, 64.1831,
35.4131

■ 34.3356, 58.3386,
15.8593


■ 52.2425, 66.9329,
45.4794


■ 31.8247, 57.1166,
12.4679


■ 58.9211, 70.1167,
57.5008


■ 29.9870, 56.2135,
10.3811

■ 66.5627, 73.7525,
71.5729

 28.7462, 55.5949,
9.3738

 75.2036, 77.8571,
87.7851

 28.5148, 55.4791,
9.2057

 84.8454, 82.4335,
106.0472

 86.7603, 83.4206,
106.1368

Harmonies

Analogous

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



51.6794, 61.8455, 17.5026



41.6141, 61.8455, 27.1969



36.5671, 61.8455, 50.7558

Triad

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



41.6141, 61.8455, 27.1969



52.6639, 61.8455, 171.5907



88.1764, 61.8455, 48.2689

Complementary

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



41.6141, 61.8455, 27.1969



45.9185, 31.8635, 76.4064

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.



88.5513, 61.8455, 87.1907



41.6141, 61.8455, 27.1969



66.5079, 61.8455, 170.0691

Square

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



41.6141, 61.8455, 27.1969



42.2371, 61.8455, 138.5510



80.1219, 61.8455, 134.9668



79.1663, 61.8455, 25.9939

Rectangle

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



41.6141, 61.8455, 27.1969



36.1220, 61.8455, 75.8836



80.1219, 61.8455, 134.9668



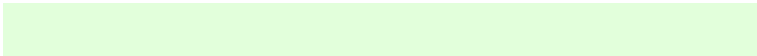
89.3597, 61.8455, 59.4616

Sweetspot

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



41.6156, 61.8481, 27.1983



80.0253, 92.8580, 80.9307



56.9381, 61.5199, 26.3273



16.6818, 19.6627, 16.5041



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.



41.6156, 61.8481, 27.1983



49.0216, 78.0337, 27.1304



40.6973, 61.1103, 39.1008



14.4496, 16.2233, 15.2743



16.7032, 32.3923, 5.3720



1.3079, 2.4316, 0.4004

Inverse Universe

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



45.9185, 31.8635, 76.4064



55.1852, 34.5853, 98.3748



48.0828, 33.4483, 55.3173



14.7061, 14.4662, 18.1615



19.5522, 9.1454, 43.1179



1.5154, 0.7122, 3.1896

Previews

White Background



This preview shows how the XYZ color 41.6141, 61.8455, 27.1969 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 41.6141, 61.8455, 27.1969 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 41.6141, 61.8455, 27.1969

Background



This preview shows how black text looks on a background with the XYZ color 41.6141, 61.8455, 27.1969.

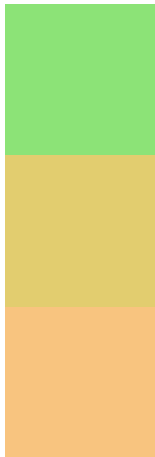


This preview shows how white text looks on a background with the XYZ color 41.6141, 61.8455,

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

41.6141, 61.8455, 27.1969

Protanopia

56.0646, 60.9791, 23.8541

Deuteranopia

62.2821, 60.9686, 28.5642



Tritanopia

53.1093, 61.3929, 85.3948

Trichromacy



Original Color

41.6141, 61.8455, 27.1969



Protanomaly

49.3372, 60.4055, 24.9787



Deuteranomaly

52.2454, 59.6362, 27.8261



Tritanomaly

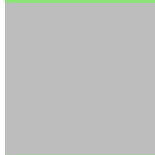
47.8724, 61.1969, 58.5793

Monochromacy



Original Color

41.6141, 61.8455, 27.1969



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

44.8514, 54.0501, 43.1908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6141, 61.8455, 27.1969 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, 227, 119)` looks like.

```
.text, #text, p{  
    color:rgb(140, 227, 119)  
}
```

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, 227, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 227, 119) }
```

Border

The CSS property to change the border of an element to XYZ 41.6141, 61.8455, 27.1969 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, 227, 119) }
```


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

```
.border{ border-color:rgb(140, 227, 119) }
```

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

Here you see how a box with a 4 pixel rgb(140, 227, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 227, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 227, 119);  
box-shadow:4px 4px 4px 4px rgb(140, 227,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6141, 61.8455, 27.1969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 227, 119) }
```

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

```
.background{ background-color: rgb(140,  
227, 119) }
```

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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