

Converting Colors

XYZ(60.0463, 69.8413, 32.6800)

Have a look what the booklet for
XYZ(60.0463, 69.8413, 32.6800)
contains.

XYZ(60.1027, 70.0648, 32.5464)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.1027, 70.0648,
32.5464)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE085
RGB	219, 224, 133
RGB Percent	86%, 88%, 52%
CMY	0.1412, 0.1215, 0.4784
CMYK	0.02, 0.00, 0.41, 0.12
HSL	63°, 59%, 70%
HSV	63°, 41%, 88%
XYZ	60.1027, 70.0648, 32.5464
YIQ	212.1310, 26.2310, -29.3610

Conversions

Conversions Part 2

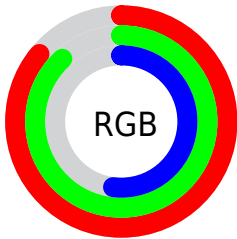
Format	Color
RYB	133, 224, 138
Decimal	14409861
CIELab	87.03, -14.93, 43.91
CIELCh	87, 46.379, 108.774
Yxy	70.0648, 0.3694, 0.4306
Android (android.graphics.Color)	4292599941 (0xFFDBE085)
YUV	212.1310, -39.0116, 6.0241
Hunter-Lab	83.7047, -18.3145, 35.5399

Details

The XYZ color **60.1027, 70.0648, 32.5464** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **32.3258, 27.5619, 74.1413**, and the grayscale version is **62.9070, 66.1831, 72.0734**.

A 20% lighter version of the original color is **85.9696, 96.3679, 61.0835**, and **30.7774, 36.7565, 13.2572** is the 20% darker color. If you saturate the color by 10%, you get **58.3486, 69.3230, 25.2297**, and if you desaturate by 10%, it is **62.1930, 70.9464, 41.6043**.

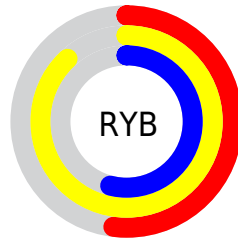
Distribution



Red (86%)

Green (88%)

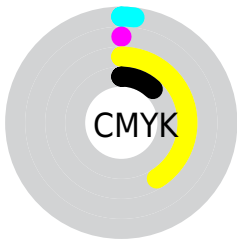
Blue (52%)



Red (52%)

Yellow (88%)

Blue (54%)

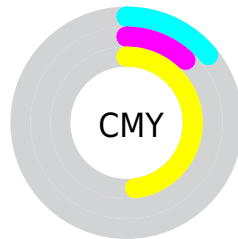


Cyan (2%)

Magenta (0%)

Yellow (41%)

Black (12%)



Cyan (14%)

Magenta (12%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1027, 70.0648, 32.5464 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 60.1027, 70.0648, 32.5464 by changing the saturation by 10% instead.

60.1027, 70.0648,
32.5464

60.1027, 70.0648,
32.5464

414.8049,
460.7775, 328.1699

43.7512, 51.5794,
21.5109

104.0841,
119.3012, 64.7745

30.6720, 36.6699,
13.3031

132.4448,
150.8209, 86.8042

20.4998, 24.9520,
7.5044

165.5392,
187.4541, 113.3358

12.8693, 16.0413,
3.6963

203.7327,
229.5853, 144.7877

7.4150, 9.5534,
1.4603

247.3906,
277.5989, 181.5786

3.7716, 5.1039,
0.1881

296.8784,

1.5737, 2.3083,

331.8792, 224.1268

0.0000

352.5614,
392.8106, 272.8511

■ 0.3752, 0.7781,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1027, 70.0648,
32.5464

■ 60.1027, 70.0648,
32.5464

■ 58.3486, 69.3230,
25.2297

■ 62.1930, 70.9464,
41.6043

■ 56.9044, 68.7030,
19.5381

■ 64.6338, 71.9660,
52.5005

■ 55.7482, 68.1984,
15.3489

■ 67.4444, 73.1339,
65.3304

■ 54.8530, 67.7986,
12.5196

■ 70.6416, 74.4567,
80.1814

■ 54.1865, 67.4906,
10.8805

■ 74.2410, 75.9407,
97.1357

■ 53.7176, 67.2645,
10.1521

■ 76.1946, 76.7667,
105.4093

■ 76.5833, 76.9671,
105.4275

■ 76.9748, 77.1689,
105.4458

■ 77.3691, 77.3722,
105.4643

Harmonies

Analogous

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



70.7395, 70.0648, 31.4062



60.1027, 70.0648, 32.5464



52.1023, 70.0648, 43.2960

Triad

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



60.1027, 70.0648, 32.5464



53.7688, 70.0648, 130.6338



89.2278, 70.0648, 88.5229

Complementary

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



60.1027, 70.0648, 32.5464



32.3258, 27.5619, 74.1413

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.



83.5519, 70.0648, 122.8331



60.1027, 70.0648, 32.5464



62.6146, 70.0648, 151.1909

Square

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



60.1027, 70.0648, 32.5464



48.7290, 70.0648, 97.1810



73.5377, 70.0648, 148.0014



88.3666, 70.0648, 58.6282

Rectangle

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



60.1027, 70.0648, 32.5464



48.9774, 70.0648, 56.6353



73.5377, 70.0648, 148.0014



87.9983, 70.0648, 100.0319

Sweetspot

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



60.1044, 70.0680, 32.5479



89.8923, 97.8657, 84.9579



44.0005, 35.5906, 26.7418



19.1304, 20.9015, 17.6783



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.



60.1044, 70.0680, 32.5479



78.5491, 93.1127, 34.9693



48.3363, 64.0013, 31.9971



14.7934, 15.9892, 14.6133



31.2984, 39.1674, 5.9105



2.1925, 2.7268, 0.4108

Inverse Universe

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



32.3258, 27.5619, 74.1413



36.3432, 28.5104, 98.1953



41.3846, 32.2318, 74.5652



13.0215, 13.2791, 17.2645



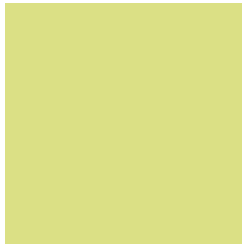
7.9527, 3.1951, 41.2459



0.5762, 0.2343, 2.8601

Previews

White Background



This preview shows how the XYZ color 60.1027, 70.0648, 32.5464 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 60.1027, 70.0648, 32.5464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

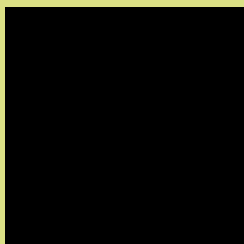
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

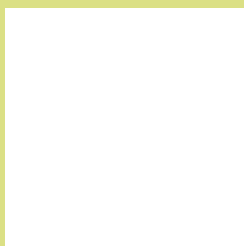
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1027, 70.0648, 32.5464

Background



This preview shows how black text looks on a background with the XYZ color 60.1027, 70.0648, 32.5464.



This preview shows how white text looks on a background with the XYZ color 60.1027, 70.0648,

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

60.1027, 70.0648, 32.5464

Protanopia

64.4280, 69.9586, 31.5804

Deuteranopia

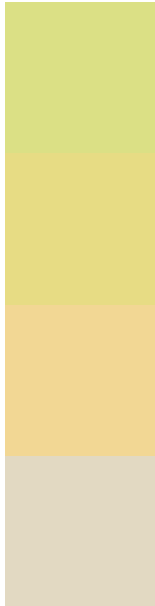
70.2873, 69.7535, 41.2117



Tritanopia

70.5702, 70.0686, 83.9339

Trichromacy



Original Color

60.1027, 70.0648, 32.5464

Protanomaly

62.7131, 69.8413, 32.0052

Deuteranomaly

66.2637, 69.6162, 37.9618

Tritanomaly

65.9145, 69.6895, 61.0163

Monochromacy



Original Color

60.1027, 70.0648, 32.5464

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.1274, 66.9777, 54.5060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1027, 70.0648, 32.5464 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(219, 224, 133)` looks like.

```
.text, #text, p{  
    color:rgb(219, 224, 133)  
}
```

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(219, 224, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 224, 133) }
```

Border

The CSS property to change the border of an element to XYZ 60.1027, 70.0648, 32.5464 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(219, 224, 133) }
```


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

```
.border{ border-color:rgb(219, 224, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 224, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 224, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 224, 133);  
box-shadow:4px 4px 4px 4px rgb(219, 224,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1027, 70.0648, 32.5464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 224, 133) }
```

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

```
.background{ background-color: rgb(219,  
224, 133) }
```

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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