

Converting Colors

XYZ(59.1568, 67.8762, 32.6321)

Have a look what the booklet for
XYZ(59.1568, 67.8762, 32.6321)
contains.

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Color

**XYZ(59.1097, 67.9677,
32.5579)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDC86
RGB	219, 220, 134
RGB Percent	86%, 86%, 53%
CMY	0.1412, 0.1372, 0.4745
CMYK	0.00, 0.00, 0.39, 0.14
HSL	61°, 55%, 69%
HSV	61°, 39%, 86%
XYZ	59.1097, 67.9677, 32.5579
YIQ	209.8970, 27.0100, -26.9580

Conversions

Conversions Part 2

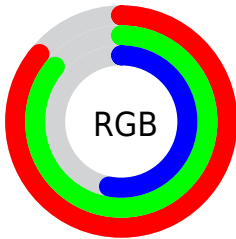
Format	Color
RYB	134, 220, 135
Decimal	14408838
CIELab	85.99, -12.83, 42.11
CIElCh	86, 44.016, 106.943
Yxy	67.9677, 0.3703, 0.4258
Android (android.graphics.Color)	4292598918 (0xFFDBDC86)
YUV	209.8970, -37.4172, 7.9833
Hunter-Lab	82.4425, -16.2934, 34.2952

Details

The XYZ color **59.1097, 67.9677, 32.5579** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.4375, 27.3701, 71.3402**, and the grayscale version is **61.4178, 64.6163, 70.3672**.

A 20% lighter version of the original color is **86.0771, 96.4108, 61.6494**, and **30.0824, 35.3060, 13.2119** is the 20% darker color. If you saturate the color by 10%, you get **57.6555, 67.3795, 25.2966**, and if you desaturate by 10%, it is **60.8866, 68.6898, 41.5032**.

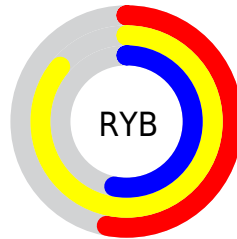
Distribution



Red (86%)

Green (86%)

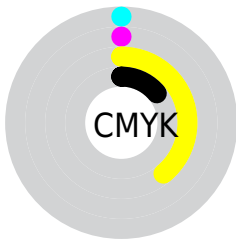
Blue (53%)



Red (53%)

Yellow (86%)

Blue (53%)

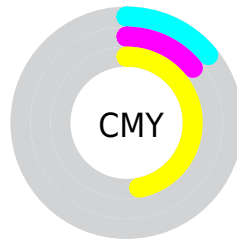


Cyan (0%)

Magenta (0%)

Yellow (39%)

Black (14%)



Cyan (14%)

Magenta (14%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1097, 67.9677, 32.5579 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 59.1097, 67.9677, 32.5579 by changing the saturation by 10% instead.

■ 59.1097, 67.9677,
32.5579

■ 59.1097, 67.9677,
32.5579

411.1958,
453.3816, 328.2236

■ 42.9481, 49.8715,
21.5196

■ 102.6508,
116.3059, 64.7927

■ 30.0388, 35.3113,
13.3094

■ 130.7611,
147.3167, 86.8264

■ 20.0162, 23.9028,
7.5087

■ 163.5849,
183.4011, 113.3622

■ 12.5152, 15.2615,
3.6990

201.4878,
224.9436, 144.8188

■ 7.1702, 9.0031,
1.4617

244.8349,
272.3285, 181.6147

■ 3.6161, 4.7432,
0.1892

293.9917,

■ 1.4873, 2.0974,


325.9401, 224.1685


0.0000


349.3236,
386.1631, 272.8986


 0.3172, 0.6632,
0.0000


 0.0000, 0.0000,
0.0000


 59.1097, 67.9677,
32.5579


 59.1097, 67.9677,
32.5579


 57.6555, 67.3795,
25.2966


 60.8866, 68.6898,
41.5032


 56.4991, 66.9080,
19.6099


 62.9994, 69.5439,
52.2243


 55.6198, 66.5474,
15.3824


 65.4667, 70.5398,
64.8112


 54.9926, 66.2876,
12.4812


 68.3042, 71.6838,
79.3469


 54.5874, 66.1167,
10.7489


 71.5266, 72.9818,
95.9092


 54.3568, 66.0155,
9.9348

 73.3248, 73.7100,
104.9706

 54.3388, 66.0076,
9.8768

 73.4029, 73.7504,
104.9742

 73.4813, 73.7907,
104.9779

 73.5597, 73.8312,
104.9816

Harmonies

Analogous

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



69.0849, 67.9677, 31.9968



59.1097, 67.9677, 32.5579



51.4349, 67.9677, 42.1791

Triad

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



59.1097, 67.9677, 32.5579



52.2385, 67.9677, 122.4904



85.4076, 67.9677, 87.2831

Complementary

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



59.1097, 67.9677, 32.5579



31.4375, 27.3701, 71.3402

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.



79.8422, 67.9677, 118.7988



59.1097, 67.9677, 32.5579



60.3160, 67.9677, 142.4145

Square

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



59.1097, 67.9677, 32.5579



47.7603, 67.9677, 91.4108



70.4228, 67.9677, 140.9105



84.9979, 67.9677, 58.9626

Rectangle

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



59.1097, 67.9677, 32.5579



48.3413, 67.9677, 54.3047



70.4228, 67.9677, 140.9105



84.1509, 67.9677, 97.9730

Sweetspot

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



59.1114, 67.9708, 32.5593



90.3773, 98.1157, 84.9806



42.3456, 33.9887, 26.8838



19.2454, 20.9608, 17.6836



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.



59.1114, 67.9708, 32.5593



80.8700, 94.2686, 36.9104



48.0304, 62.2583, 32.0407



14.1464, 15.2557, 13.9246



31.8962, 38.7406, 5.7966



2.0713, 2.5123, 0.3758

Inverse Universe

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



31.4375, 27.3701, 71.3402



36.9781, 29.8704, 98.4243



39.5769, 31.5661, 71.7211



12.3527, 12.6244, 16.4378



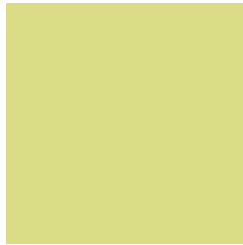
7.6070, 3.0457, 39.9254



0.4979, 0.1999, 2.5868

Previews

White Background



This preview shows how the XYZ color 59.1097, 67.9677, 32.5579 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 59.1097, 67.9677, 32.5579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

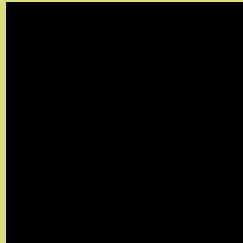
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1097, 67.9677, 32.5579

Background



This preview shows how black text looks on a background with the XYZ color 59.1097, 67.9677, 32.5579.



This preview shows how white text looks on a background with the XYZ color 59.1097, 67.9677,

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

59.1097, 67.9677, 32.5579

Protanopia

62.7262, 67.9290, 31.6354

Deuteranopia

68.5778, 67.5092, 37.0199



Tritanopia

69.0242, 67.8602, 80.6945

Trichromacy



Original Color

59.1097, 67.9677, 32.5579

Protanomaly

61.3596, 67.9772, 32.0772

Deuteranomaly

64.7947, 67.4188, 35.1893

Tritanomaly

64.6727, 67.5630, 59.5015

Monochromacy



Original Color

59.1097, 67.9677, 32.5579

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.9306, 65.6167, 53.7626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1097, 67.9677, 32.5579 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, 220, 134)` looks like.

```
.text, #text, p{  
    color:rgb(219, 220, 134)  
}
```

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, 220, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 220, 134) }
```

Border

The CSS property to change the border of an element to XYZ 59.1097, 67.9677, 32.5579 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, 220, 134) }
```


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

```
.border{ border-color:rgb(219, 220, 134) }
```

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

Here you see how a box with a 4 pixel rgb(219, 220, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 220, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 220, 134);  
box-shadow:4px 4px 4px 4px rgb(219, 220,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1097, 67.9677, 32.5579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 220, 134) }
```

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

```
.background{ background-color: rgb(219,  
220, 134) }
```

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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