

Converting Colors

XYZ(59.5143, 67.6217, 33.1739)

Have a look what the booklet for
XYZ(59.5143, 67.6217, 33.1739)
contains.

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Color

**XYZ(59.5942, 67.8128,
33.2408)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDB88
RGB	221, 219, 136
RGB Percent	87%, 86%, 53%
CMY	0.1333, 0.1412, 0.4667
CMYK	0.00, 0.01, 0.38, 0.13
HSL	59°, 56%, 70%
HSV	59°, 38%, 87%
XYZ	59.5942, 67.8128, 33.2408
YIQ	210.1360, 27.8350, -25.3890

Conversions

Conversions Part 2

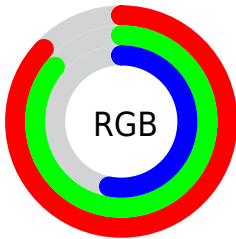
Format	Color
R _{YB}	138, 221, 136
Decimal	14539656
CIE _{Lab}	85.91, -11.33, 41.04
CIE _{LCh}	86, 42.578, 105.433
Y _{xy}	67.8128, 0.3710, 0.4221
Android (android.graphics.Color)	4292729736 (0xFFDDDB88)
Y _{UV}	210.1360, -36.5490, 9.5277
Hunter-Lab	82.3485, -14.9326, 33.7110

Details

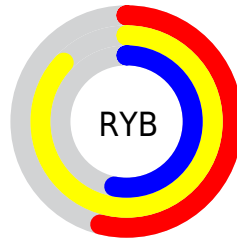
The XYZ color **59.5942, 67.8128, 33.2408** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **32.2928, 28.6308, 72.2307**, and the grayscale version is **61.5691, 64.7755, 70.5405**.

A 20% lighter version of the original color is **86.2943, 96.4977, 62.7929**, and **30.3927, 35.1903, 13.5781** is the 20% darker color. If you saturate the color by 10%, you get **58.0484, 66.9809, 25.7596**, and if you desaturate by 10%, it is **61.4676, 68.7813, 42.4304**.

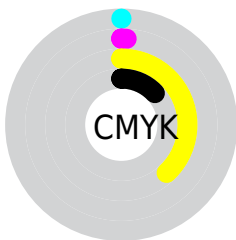
Distribution



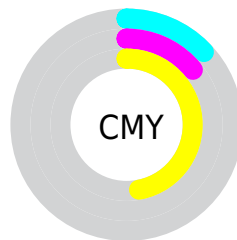
- Red (87%)
- Green (86%)
- Blue (53%)



- Red (54%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (1%)
- Yellow (38%)
- Black (13%)



- Cyan (13%)
- Magenta (14%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5942, 67.8128, 33.2408 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 59.5942, 67.8128, 33.2408 by changing the saturation by 10% instead.

■ 59.5942, 67.8128,
33.2408

■ 59.5942, 67.8128,
33.2408

412.9591,
452.8325, 331.3986

■ 43.3398, 49.7455,
22.0384

■ 103.3505,
116.0843, 65.8716

■ 30.3475, 35.2112,
13.6865

■ 131.5831,
147.0572, 88.1371

■ 20.2519, 23.8256,
7.7667

■ 164.5392,
183.1008, 114.9273

■ 12.6876, 15.2043,
3.8604

202.5841,
224.5995, 146.6608

■ 7.2893, 8.9629,
1.5491

246.0832,
271.9376, 183.7562

■ 3.6916, 4.7170,
0.2541

295.4018,

■ 1.5292, 2.0822,

325.4995, 226.6319

0.0000

350.9054,
385.6697, 275.7065

■ 0.3456, 0.6546,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5942, 67.8128,
33.2408

■ 59.5942, 67.8128,
33.2408

■ 58.0484, 66.9809,
25.7596

■ 61.4676, 68.7813,
42.4304

■ 56.8053, 66.2682,
19.8771

■ 63.6820, 69.8845,
53.4209

■ 55.8440, 65.6690,
15.4773

■ 66.2559, 71.1321,
66.3028

■ 55.1395, 65.1731,
12.4270

■ 69.2053, 72.5307,
81.1597

■ 54.6617, 64.7686,
10.5690

■ 72.5451, 74.0860,
98.0701

■ 54.3665, 64.4378,
9.6700

■ 74.0209, 74.8964,
105.1629

■ 54.3274, 64.3895,
9.5651

■ 74.1588, 75.1724,
105.2089

■ 74.2973, 75.4492,
105.2550

■ 74.4361, 75.7269,
105.3013

Harmonies

Analogous

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



69.2838, 67.8128, 33.1177



59.5942, 67.8128, 33.2408



52.0025, 67.8128, 42.2119

Triad

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



59.5942, 67.8128, 33.2408



52.1762, 67.8128, 119.0580



84.3484, 67.8128, 88.1765

Complementary

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



59.5942, 67.8128, 33.2408



32.2928, 28.6308, 72.2307

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.



78.7496, 67.8128, 118.2715



59.5942, 67.8128, 33.2408



59.8541, 67.8128, 138.9230

Square

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



59.5942, 67.8128, 33.2408



48.0232, 67.8128, 89.0609



69.5711, 67.8128, 138.6035



84.2608, 67.8128, 60.4544

Rectangle

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



59.5942, 67.8128, 33.2408



48.8671, 67.8128, 53.6931



69.5711, 67.8128, 138.6035



83.0461, 67.8128, 98.4767

Sweetspot

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



59.5959, 67.8159, 33.2422



90.2803, 97.7264, 84.9106



43.2714, 34.8404, 28.8074



19.2224, 20.8684, 17.6670



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.



59.5959, 67.8159, 33.2422



80.6943, 92.8633, 37.6024



49.4350, 63.3546, 32.9166



14.1347, 15.2087, 13.9162



31.5721, 37.4298, 5.5606



2.0539, 2.4418, 0.3631

Inverse Universe

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



32.2928, 28.6308, 72.2307



37.9258, 31.4861, 98.6863



39.6851, 32.0209, 72.4954



12.3631, 12.6659, 16.4453



7.6257, 3.1209, 39.9389



0.5029, 0.2198, 2.5904

Previews

White Background



This preview shows how the XYZ color 59.5942, 67.8128, 33.2408 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 59.5942, 67.8128, 33.2408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

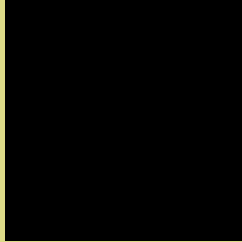
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5942, 67.8128, 33.2408

Background



This preview shows how black text looks on a background with the XYZ color 59.5942, 67.8128, 33.2408.



This preview shows how white text looks on a background with the XYZ color 59.5942, 67.8128,

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

59.5942, 67.8128, 33.2408

Protanopia

62.5352, 67.8145, 32.3478

Deuteranopia

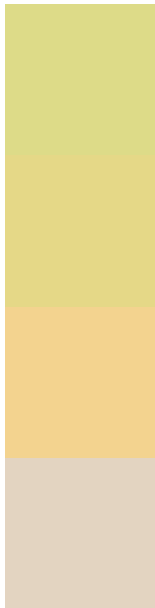
68.5778, 67.5092, 37.0199



Tritanopia

69.1015, 67.5369, 80.6281

Trichromacy



Original Color

59.5942, 67.8128, 33.2408

Protanomaly

61.2421, 67.5190, 32.7263

Deuteranomaly

65.2143, 67.6264, 35.6026

Tritanomaly

64.8477, 67.2681, 60.0183

Monochromacy



Original Color

59.5942, 67.8128, 33.2408

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.0730, 65.3035, 54.2384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5942, 67.8128, 33.2408 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(221, 219, 136)` looks like.

```
.text, #text, p{  
    color:rgb(221, 219, 136)  
}
```

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(221, 219, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 219, 136) }
```

Border

The CSS property to change the border of an element to XYZ 59.5942, 67.8128, 33.2408 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(221, 219, 136) }
```


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

```
.border{ border-color:rgb(221, 219, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 219, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 219, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 219, 136); box-shadow:4px 4px 4px 4px rgb(221, 219, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5942, 67.8128, 33.2408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 219, 136) }
```

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

```
.background{ background-color: rgb(221,  
219, 136) }
```

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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