

Converting Colors

XYZ(56.0191, 59.9172, 38.7496)

Have a look what the booklet for
XYZ(56.0191, 59.9172, 38.7496)
contains.

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Color

**XYZ(56.0191, 59.9172,
38.7496)**

Conversions

Conversions Part 1

Format	Color
Hex	DACB99
RGB	218, 203, 153
RGB Percent	85%, 80%, 60%
CMY	0.1451, 0.2039, 0.4000
CMYK	0.00, 0.07, 0.30, 0.15
HSL	46°, 47%, 73%
HSV	46°, 30%, 85%
XYZ	56.0191, 59.9172, 38.7496
YIQ	201.7850, 24.9900, -12.3700

Conversions

Conversions Part 2

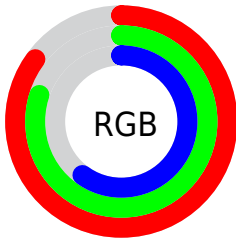
Format	Color
RYB	173, 218, 153
Decimal	14338969
CIELab	81.79, -2.31, 26.88
CIELCh	82, 26.977, 94.908
Yxy	59.9172, 0.3621, 0.3873
Android (android.graphics.Color)	4292529049 (0xFFDACB99)
YUV	201.7850, -24.0510, 14.2206
Hunter-Lab	77.4062, -6.2799, 24.5037

Details

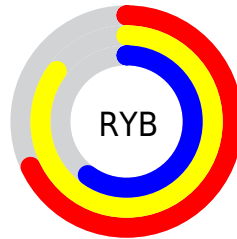
The XYZ color **56.0191, 59.9172, 38.7496** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.7940, 39.8383, 71.9219**, and the grayscale version is **56.1405, 59.0642, 64.3209**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **28.0460, 30.1356, 16.9089** is the 20% darker color. If you saturate the color by 10%, you get **53.2126, 56.9271, 29.7279**, and if you desaturate by 10%, it is **59.1962, 63.1214, 49.5191**.

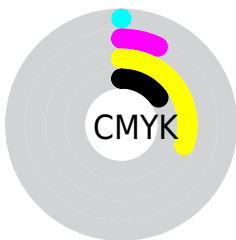
Distribution



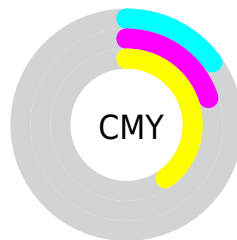
- Red (85%)
- Green (80%)
- Blue (60%)



- Red (68%)
- Yellow (85%)
- Blue (60%)



- Cyan (0%)
- Magenta (7%)
- Yellow (30%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0191, 59.9172, 38.7496 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 56.0191, 59.9172, 38.7496 by changing the saturation by 10% instead.

■ 56.0191, 59.9172,
38.7496

■ 56.0191, 59.9172,
38.7496

399.8373,
424.2925, 356.2188

■ 40.4553, 43.3519,
26.2587

■ 98.1722, 104.7095,
74.4718

■ 28.0795, 30.1613,
16.7897

■ 125.4921,
133.7054, 98.5401

■ 18.5264, 19.9611,
9.9243

157.4615,
167.6135, 127.3045

■ 11.4305, 12.3667,
5.2439

194.4457,
206.8183, 161.1838

■ 6.4266, 6.9940,
2.3298

236.8100,
251.7043, 200.5963

■ 3.1493, 3.4583,
0.7478

284.9198,

■ 1.2332, 1.3754,

302.6557, 245.9606

0.0000

339.1405,
360.0570, 297.6953

■ 0.1323, 0.1985,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0191, 59.9172,
38.7496

■ 56.0191, 59.9172,
38.7496

■ 53.2126, 56.9271,
29.7279

■ 59.1962, 63.1214,
49.5191

■ 50.7538, 54.1350,
22.3557


■ 62.7562, 66.5390,
62.1201


■ 48.6243, 51.5351,
16.5307


■ 66.7165, 70.1794,
76.6353


■ 46.8017, 49.1178,
12.1376


■ 71.0919, 74.0491,
93.1413


 45.2607, 46.8726,
9.0449


 74.7484, 77.6952,
105.6648


 43.9715, 44.7867,
7.0964


 76.1533, 80.5051,
106.1331

 42.8818, 42.8387,
6.0201

 77.5988, 83.3962,
106.6149

 42.8625, 42.8036,
6.0028

 79.0853, 86.3691,
107.1104

 80.6130, 89.4245,
107.6196

Harmonies

Analogous

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



61.7132, 59.9172, 40.7914



56.0191, 59.9172, 38.7496



50.9188, 59.9172, 42.7820

Triad

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



56.0191, 59.9172, 38.7496



48.4453, 59.9172, 84.8503



67.4366, 59.9172, 79.4403

Complementary

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



56.0191, 59.9172, 38.7496



39.7940, 39.8383, 71.9219

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.



63.4386, 59.9172, 94.4360



56.0191, 59.9172, 38.7496



52.4375, 59.9172, 97.9061

Square

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



56.0191, 59.9172, 38.7496



46.7355, 59.9172, 67.9557



57.8901, 59.9172, 101.6765



68.5527, 59.9172, 62.5969

Rectangle

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



56.0191, 59.9172, 38.7496



48.4633, 59.9172, 48.8427



57.8901, 59.9172, 101.6765



66.3727, 59.9172, 84.9482

Sweetspot

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



56.0206, 59.9199, 38.7509



89.9068, 95.2775, 90.0330



47.3885, 40.5219, 42.4518



19.0754, 20.2352, 18.6638



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.



56.0206, 59.9199, 38.7509



77.2412, 82.6562, 46.6276



54.8193, 64.8142, 39.7589



13.8943, 14.7280, 13.8360



25.7644, 25.8143, 3.6247



1.7324, 1.7990, 0.2559

Inverse Universe

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



39.7940, 39.8383, 71.9219



50.4142, 49.4656, 101.4984



40.6964, 36.4284, 71.2161



12.5812, 13.1022, 16.5180



8.3404, 4.5503, 40.1771



0.6062, 0.4265, 2.6248

Previews

White Background



This preview shows how the XYZ color 56.0191, 59.9172, 38.7496 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 56.0191, 59.9172, 38.7496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

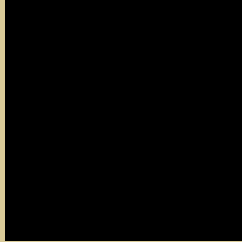
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0191, 59.9172, 38.7496

Background



This preview shows how black text looks on a background with the XYZ color 56.0191, 59.9172, 38.7496.

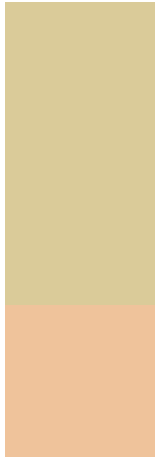


This preview shows how white text looks on a background with the XYZ color 56.0191, 59.9172,

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

56.0191, 59.9172, 38.7496

Protanopia

56.0191, 59.9172, 38.7496

Deuteranopia

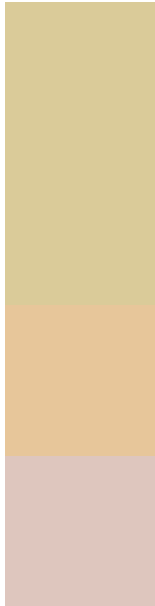
61.0281, 59.7475, 39.3262



Tritanopia

62.3243, 59.7409, 69.8743

Trichromacy



Original Color

56.0191, 59.9172, 38.7496

Protanomaly

56.0191, 59.9172, 38.7496

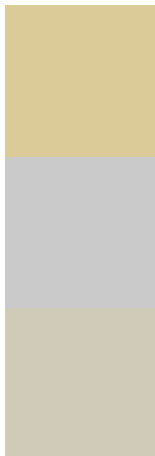
Deuteranomaly

58.9818, 59.7102, 38.9884

Tritanomaly

59.6125, 59.6355, 57.0841

Monochromacy



Original Color

56.0191, 59.9172, 38.7496

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.7847, 59.1116, 53.8169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0191, 59.9172, 38.7496 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(218, 203, 153)` looks like.

```
.text, #text, p{  
    color:rgb(218, 203, 153)  
}
```

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(218, 203, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 203, 153) }
```

Border

The CSS property to change the border of an element to XYZ 56.0191, 59.9172, 38.7496 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(218, 203, 153) }
```


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

```
.border{ border-color:rgb(218, 203, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 203, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 203, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 203, 153); box-shadow:4px 4px 4px 4px rgb(218, 203, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0191, 59.9172, 38.7496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 203, 153) }
```

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

```
.background{ background-color: rgb(218,  
203, 153) }
```

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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