

Converting Colors

XYZ(55.9261, 66.2426, 18.6416)

Have a look what the booklet for
XYZ(55.9261, 66.2426, 18.6416)
contains.

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Color

**XYZ(55.9247, 66.2403,
18.6422)**

Conversions

Conversions Part 1

Format	Color
Hex	DADB56
RGB	218, 219, 86
RGB Percent	85%, 86%, 34%
CMY	0.1451, 0.1412, 0.6627
CMYK	0.00, 0.00, 0.61, 0.14
HSL	60°, 65%, 60%
HSV	60°, 61%, 86%
XYZ	55.9247, 66.2403, 18.6422
YIQ	203.5390, 42.0970, -41.5750

Conversions

Conversions Part 2

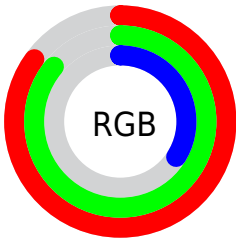
Format	Color
RYB	86, 219, 87
Decimal	14342998
CIELab	85.12, -16.88, 63.29
CIELCh	85, 65.499, 104.933
Yxy	66.2403, 0.3972, 0.4704
Android (android.graphics.Color)	4292533078 (0xFFDADB56)
YUV	203.5390, -57.9467, 12.6823
Hunter-Lab	81.3881, -19.7755, 43.3911

Details

The XYZ color **55.9247, 66.2403, 18.6422** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **20.0465, 13.7977, 68.6285**, and the grayscale version is **57.4404, 60.4318, 65.8102**.

A 20% lighter version of the original color is **81.8077, 94.7031, 39.1671**, and **27.9591, 34.0991, 6.0855** is the 20% darker color. If you saturate the color by 10%, you get **55.1252, 65.9172, 14.6838**, and if you desaturate by 10%, it is **56.9976, 66.6776, 24.0267**.

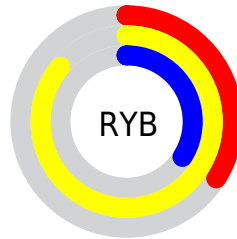
Distribution



Red (85%)

Green (86%)

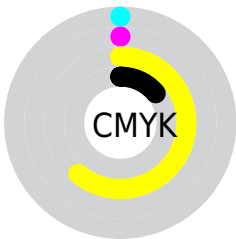
Blue (34%)



Red (34%)

Yellow (86%)

Blue (34%)

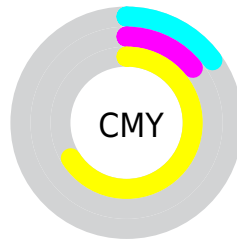


Cyan (0%)

Magenta (0%)

Yellow (61%)

Black (14%)



Cyan (15%)

Magenta (14%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9247, 66.2403, 18.6422 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 55.9247, 66.2403, 18.6422 by changing the saturation by 10% instead.

■ 55.9247, 66.2403,
18.6422

■ 55.9247, 66.2403,
18.6422

399.4873,
447.2358, 256.8229

■ 40.3793, 48.4675,
11.2378

■ 98.0349, 113.8312,
41.9572

■ 28.0199, 34.1973,
6.1109

■ 125.3305,
144.4180, 58.7050

■ 18.4812, 23.0452,
2.8427

■ 157.2735,
180.0450, 79.4043

■ 11.3978, 14.6269,
1.0149

■ 194.2292,
221.0965, 104.4737

■ 6.4043, 8.5579,
0.0000

236.5631,
267.9569, 134.3317

■ 3.1354, 4.4540,
0.0000

284.6405,

■ 1.2258, 1.9306,

321.0107, 169.3969

0.0000

338.8268,
380.6422, 210.0878

■ 0.1266, 0.5667,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9247, 66.2403,
18.6422

■ 55.9247, 66.2403,
18.6422

■ 55.1252, 65.9172,
14.6838

■ 56.9976, 66.6776,
24.0267

■ 54.5689, 65.6890,
12.0127

■ 58.3618, 67.2290,
30.9511

■ 54.2269, 65.5465,
10.4697

■ 60.0386, 67.9055,
39.5223

■ 54.0522, 65.4713,
9.7884

■ 62.0466, 68.7144,
49.8365

■ 64.4025, 69.6625,
61.9826

■ 67.1220, 70.7561,
76.0434

■ 70.2199, 72.0010,
92.0967

■ 72.6943, 72.9966,
104.8661

■ 72.7443, 73.0223,
104.8684

Harmonies

Analogous

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



70.6296, 66.2403, 18.6621



55.9247, 66.2403, 18.6422



44.9649, 66.2403, 28.5258

Triad

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



55.9247, 66.2403, 18.6422



44.9275, 66.2403, 146.1191



94.5371, 66.2403, 95.3860

Complementary

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



55.9247, 66.2403, 18.6422



20.0465, 13.7977, 68.6285

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.



85.2094, 66.2403, 146.3339



55.9247, 66.2403, 18.6422



55.8656, 66.2403, 182.5386

Square

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



55.9247, 66.2403, 18.6422



39.3236, 66.2403, 95.1655



70.5606, 66.2403, 182.6298



94.5596, 66.2403, 53.1393

Rectangle

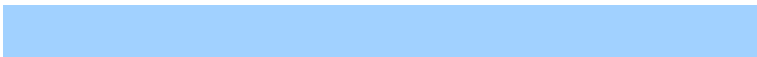
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.9247, 66.2403, 18.6422



40.5899, 66.2403, 42.8752



70.5606, 66.2403, 182.6298



92.3285, 66.2403, 112.3373

Sweetspot

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



55.9263, 66.2434, 18.6436



88.3934, 97.3226, 74.5128



34.2231, 22.3891, 11.3227



18.7232, 20.7519, 14.9362



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.



55.9263, 66.2434, 18.6436



77.5534, 92.9417, 19.4579



40.0565, 58.0622, 17.9009



14.1520, 15.2586, 13.9249



32.0531, 38.8214, 5.8039



2.0798, 2.5167, 0.3762

Inverse Universe

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



20.0465, 13.7977, 68.6285



22.7133, 12.7695, 95.8754



29.1586, 18.4952, 69.0549



12.3478, 12.6219, 16.4376



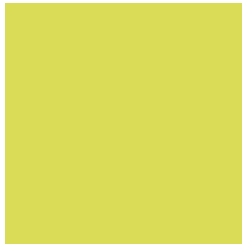
7.5980, 3.0411, 39.9249



0.4955, 0.1987, 2.5867

Previews

White Background



This preview shows how the XYZ color 55.9247, 66.2403, 18.6422 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 55.9247, 66.2403, 18.6422 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 55.9247, 66.2403, 18.6422

Background



This preview shows how black text looks on a background with the XYZ color 55.9247, 66.2403, 18.6422.



This preview shows how white text looks on a background with the XYZ color 55.9247, 66.2403,

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

55.9247, 66.2403, 18.6422

Protanopia

60.3195, 66.2331, 17.9926

Deuteranopia

66.5345, 65.9264, 28.6204



Tritanopia

67.8375, 65.8720, 77.5458

Trichromacy



Original Color

55.9247, 66.2403, 18.6422

Protanomaly

58.5733, 66.0797, 18.2619

Deuteranomaly

62.2877, 65.6259, 24.4231

Tritanomaly

61.8570, 65.2405, 48.3622

Monochromacy



Original Color

55.9247, 66.2403, 18.6422

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

55.5280, 61.7294, 42.7066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9247, 66.2403, 18.6422 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, 219, 86)` looks like.

```
.text, #text, p{  
    color:rgb(218, 219, 86)  
}
```

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, 219, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 219, 86) }
```

Border

The CSS property to change the border of an element to XYZ 55.9247, 66.2403, 18.6422 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, 219, 86) }
```


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

```
.border{ border-color:rgb(218, 219, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 219, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 219, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 219, 86);  
box-shadow:4px 4px 4px 4px rgb(218, 219,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9247, 66.2403, 18.6422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 219, 86) }
```

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

```
.background{ background-color: rgb(218,  
219, 86) }
```

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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