

Converting Colors

XYZ(63.4147, 69.3363, 18.6353)

Have a look what the booklet for
XYZ(63.4147, 69.3363, 18.6353)
contains.

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Color

**XYZ(63.4147, 69.3363,
18.6353)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D955
RGB	243, 217, 85
RGB Percent	95%, 85%, 33%
CMY	0.0471, 0.1490, 0.6667
CMYK	0.00, 0.11, 0.65, 0.05
HSL	50°, 87%, 64%
HSV	50°, 65%, 95%
XYZ	63.4147, 69.3363, 18.6353
YIQ	209.7260, 57.8680, -35.5400

Conversions

Conversions Part 2

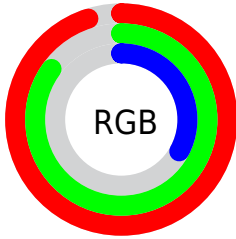
Format	Color
RYB	116, 243, 85
Decimal	15980885
CIELab	86.67, -5.64, 65.98
CIELCh	87, 66.216, 94.886
Yxy	69.3363, 0.4189, 0.4580
Android (android.graphics.Color)	4294170965 (0xFFFF3D955)
YUV	209.7260, -61.4899, 29.1813
Hunter-Lab	83.2684, -9.7796, 45.0189

Details

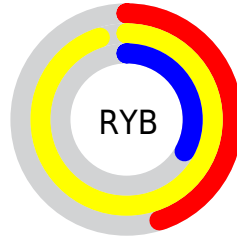
The XYZ color **63.4147, 69.3363, 18.6353** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **25.6084, 19.7707, 87.2599**, and the grayscale version is **61.4444, 64.6443, 70.3977**.

A 20% lighter version of the original color is **81.7336, 94.6734, 38.7769**, and **32.6136, 35.9739, 6.0889** is the 20% darker color. If you saturate the color by 10%, you get **61.5927, 66.9812, 14.0556**, and if you desaturate by 10%, it is **65.5962, 71.8804, 24.9710**.

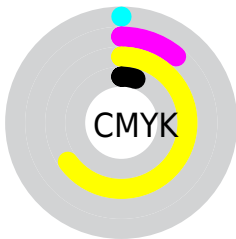
Distribution



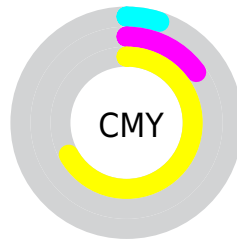
- Red (95%)
- Green (85%)
- Blue (33%)



- Red (45%)
- Yellow (95%)
- Blue (33%)



- Cyan (0%)
- Magenta (11%)
- Yellow (65%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4147, 69.3363, 18.6353 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 63.4147, 69.3363, 18.6353 by changing the saturation by 10% instead.

63.4147, 69.3363,
18.6353

63.4147, 69.3363,
18.6353

426.7087,
458.2162, 256.7832

46.4367, 50.9856,
11.2329

108.8460,
118.2618, 41.9454

32.7966, 36.1972,
6.1076

138.0301,
149.6054, 58.6902

22.1292, 24.5865,
2.8408

172.0135,
186.0488, 79.3862

14.0690, 15.7693,
1.0139

211.1616,
227.9764, 104.4519

8.2507, 9.3610,
0.0000

255.8399,
275.7725, 134.3059

4.3089, 4.9774,
0.0000

306.4136,

1.8783, 2.2340,

329.8216, 169.3668

0.0000

363.2481,
390.5080, 210.0531

■ 0.5642, 0.7384,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.4147, 69.3363,
18.6353

■ 63.4147, 69.3363,
18.6353

■ 61.5927, 66.9812,
14.0556

■ 65.5962, 71.8804,
24.9710

■ 60.0897, 64.7908,
11.0404

■ 68.1632, 74.6163,
33.2196

■ 58.8634, 62.7504,
9.3608

■ 71.1444, 77.5584,
43.5250

■ 58.3230, 61.7768,
8.8502

■ 74.5647, 80.7168,
56.0165

■ 78.4466, 84.1009,
70.8125

■ 82.8112, 87.7194,
88.0230

■ 87.6615, 91.5737,
107.6630

■ 88.8840, 94.0188,
108.0705

■ 90.1328, 96.5164,
108.4868

Harmonies

Analogous

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



79.2717, 69.3363, 21.8331



63.4147, 69.3363, 18.6353



50.3896, 69.3363, 25.1429

Triad

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



63.4147, 69.3363, 18.6353



44.4926, 69.3363, 135.0561



96.4801, 69.3363, 117.4641

Complementary

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



63.4147, 69.3363, 18.6353



25.6084, 19.7707, 87.2599

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.



84.3103, 69.3363, 168.4967



63.4147, 69.3363, 18.6353



54.1271, 69.3363, 181.1219

Square

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



63.4147, 69.3363, 18.6353



40.6034, 69.3363, 82.9429



68.4537, 69.3363, 195.2775



99.9890, 69.3363, 68.5077

Rectangle

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



63.4147, 69.3363, 18.6353



44.5448, 69.3363, 36.4967



68.4537, 69.3363, 195.2775



93.1827, 69.3363, 135.4652

Sweetspot

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



63.4163, 69.3396, 18.6367



85.2806, 91.9027, 70.3710



43.0986, 26.7074, 18.0198



17.9969, 19.4455, 14.0896



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.



63.4163, 69.3396, 18.6367



68.1514, 73.9367, 14.4335



55.0090, 75.7470, 20.3166



17.6690, 18.8222, 17.4994



32.0951, 34.0758, 4.8857



2.8813, 3.1159, 0.4496

Inverse Universe

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



25.6084, 19.7707, 87.2599



23.2441, 15.1789, 96.3125



29.8530, 18.3438, 86.7608



15.8014, 16.3671, 20.8689



9.3591, 4.5120, 46.9157



0.8851, 0.5216, 4.1443

Previews

White Background



This preview shows how the XYZ color 63.4147, 69.3363, 18.6353 looks on a white background.

Color Contrast Check

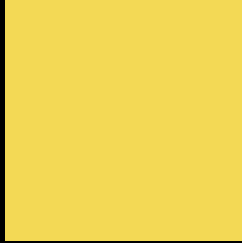
Large Text (above 18pt) WCAG AA × Fail

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 63.4147, 69.3363, 18.6353 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 63.4147, 69.3363, 18.6353

Background



This preview shows how black text looks on a background with the XYZ color 63.4147, 69.3363, 18.6353.



This preview shows how white text looks on a background with the XYZ color 63.4147, 69.3363,

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

63.4147, 69.3363, 18.6353

Protanopia

63.0705, 69.1588, 18.6191

Deuteranopia

69.2445, 69.3364, 35.7203



Tritanopia

75.0152, 68.8972, 76.3626

Trichromacy



Original Color

63.4147, 69.3363, 18.6353

Protanomaly

63.0705, 69.1588, 18.6191

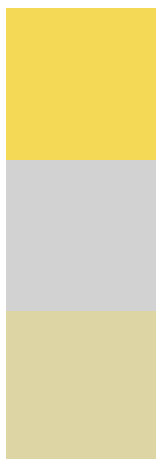
Deuteranomaly

67.0908, 69.5029, 28.2917

Tritanomaly

69.2359, 68.3380, 47.5716

Monochromacy



Original Color

63.4147, 69.3363, 18.6353

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.7100, 65.8347, 45.1049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4147, 69.3363, 18.6353 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(243, 217, 85)` looks like.

```
.text, #text, p{  
    color:rgb(243, 217, 85)  
}
```

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(243, 217, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 217, 85) }
```

Border

The CSS property to change the border of an element to XYZ 63.4147, 69.3363, 18.6353 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(243, 217, 85) }
```


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

```
.border{ border-color:rgb(243, 217, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 217, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 217, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 217, 85);  
box-shadow:4px 4px 4px 4px rgb(243, 217,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4147, 69.3363, 18.6353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 217, 85) }
```

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

```
.background{ background-color: rgb(243,  
217, 85) }
```

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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