

Converting Colors

XYZ(63.2294, 66.2571, 19.5358)

Have a look what the booklet for
XYZ(63.2294, 66.2571, 19.5358)
contains.

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Color

**XYZ(63.0900, 66.1478,
19.5678)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D15C
RGB	247, 209, 92
RGB Percent	97%, 82%, 36%
CMY	0.0314, 0.1804, 0.6392
CMYK	0.00, 0.15, 0.63, 0.03
HSL	45°, 91%, 66%
HSV	45°, 63%, 97%
XYZ	63.0900, 66.1478, 19.5678
YIQ	207.0240, 60.2050, -28.3310

Conversions

Conversions Part 2

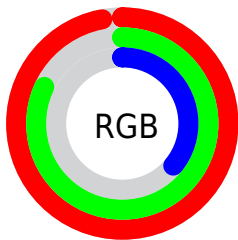
Format	Color
RYB	142, 247, 92
Decimal	16240988
CIELab	85.07, 0.50, 61.40
CIELCh	85, 61.399, 89.530
Yxy	66.1478, 0.4240, 0.4445
Android (android.graphics.Color)	4294431068 (0xFFFF7D15C)
YUV	207.0240, -56.7068, 35.0590
Hunter-Lab	81.3313, -3.8644, 42.6671

Details

The XYZ color **63.0900, 66.1478, 19.5678** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **29.1845, 24.9551, 91.2738**, and the grayscale version is **59.6520, 62.7585, 68.3440**.

A 20% lighter version of the original color is **82.1883, 94.8553, 41.1713**, and **32.5333, 34.1349, 6.5431** is the 20% darker color. If you saturate the color by 10%, you get **60.7244, 62.8722, 14.2931**, and if you desaturate by 10%, it is **65.8670, 69.6834, 26.7170**.

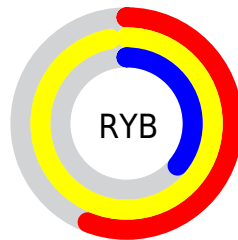
Distribution



Red (97%)

Green (82%)

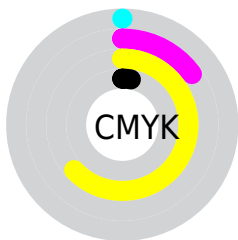
Blue (36%)



Red (56%)

Yellow (97%)

Blue (36%)

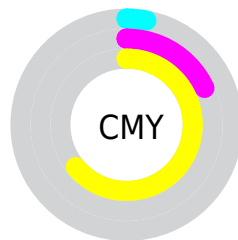


Cyan (0%)

Magenta (15%)

Yellow (63%)

Black (3%)



Cyan (3%)


Magenta (18%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0900, 66.1478, 19.5678 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 63.0900, 66.1478, 19.5678 by changing the saturation by 10% instead.


 63.0900, 66.1478,
19.5678

 63.0900, 66.1478,
19.5678


425.5505,
446.9053, 262.0920


 46.1729, 48.3924,
11.9003


 108.3804,
113.6984, 43.5408


 32.5875, 34.1377,
6.5541


 137.4845,
144.2625, 60.6833

 21.9684, 22.9994,
3.1107


 171.3816,
179.8648, 81.8214

 13.9501, 14.5931,
1.1514

 210.4372,
220.8899, 107.3734

 8.1675, 8.5343,
0.0000

255.0165,
267.7221, 137.7579

 4.2550, 4.4387,
0.0000

305.4849,

 1.8474, 1.9219,

320.7458, 173.3935

0.0000

362.2078,
380.3454, 214.6987

■ 0.5460, 0.5615,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0900, 66.1478,
19.5678

■ 63.0900, 66.1478,
19.5678

■ 60.7244, 62.8722,
14.2931

■ 65.8670, 69.6834,
26.7170

■ 58.7294, 59.8316,
10.7008

■ 69.0823, 73.4831,
35.8995

■ 57.0626, 57.0106,
8.5648

■ 72.7656, 77.5622,
47.2619

■ 56.0124, 55.0837,
7.6800

■ 76.9424, 81.9320,
60.9358

81.6363, 86.6027,
77.0427

86.8693, 91.5841,
95.6953

91.0260, 96.2310,
108.3846

92.1676, 98.5140,
108.7651

Harmonies

Analogous

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



77.3376, 66.1478, 24.3168



63.0900, 66.1478, 19.5678



50.6587, 66.1478, 24.0150

Triad

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



63.0900, 66.1478, 19.5678



42.4624, 66.1478, 116.4396



88.6785, 66.1478, 117.9372

Complementary

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



63.0900, 66.1478, 19.5678



29.1845, 24.9551, 91.2738

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.



76.9045, 66.1478, 160.6477



63.0900, 66.1478, 19.5678



50.3321, 66.1478, 159.5830

Square

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



63.0900, 66.1478, 19.5678



39.8601, 66.1478, 71.4005



62.6535, 66.1478, 178.1234



93.3753, 66.1478, 72.6506

Rectangle

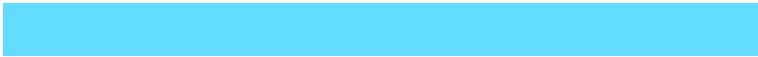
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.0900, 66.1478, 19.5678



44.7398, 66.1478, 33.0496



62.6535, 66.1478, 178.1234



85.3396, 66.1478, 133.5980

Sweetspot

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



63.0915, 66.1510, 19.5691



84.5352, 89.9184, 71.6439



46.2650, 29.0609, 24.5557



17.7940, 18.9437, 14.3173



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.



63.0915, 66.1510, 19.5691



64.7436, 66.7979, 14.2942



61.2754, 80.7401, 22.4808



17.5505, 18.5851, 17.4598



29.7405, 29.3666, 4.1008



2.6939, 2.7410, 0.3871

Inverse Universe

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



29.1845, 24.9551, 91.2738



25.7922, 19.5898, 97.0296



29.9376, 19.1758, 90.1186



15.9111, 16.5864, 20.9055



9.8415, 5.4767, 47.0764



0.9425, 0.6364, 4.1634

Previews

White Background



This preview shows how the XYZ color 63.0900, 66.1478, 19.5678 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 63.0900, 66.1478, 19.5678 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 63.0900, 66.1478, 19.5678

Background



This preview shows how black text looks on a background with the XYZ color 63.0900, 66.1478, 19.5678.



This preview shows how white text looks on a background with the XYZ color 63.0900, 66.1478,

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

63.0900, 66.1478, 19.5678

Protanopia

60.3621, 66.2117, 19.9546

Deuteranopia

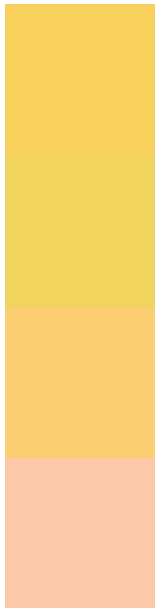
66.5988, 65.9521, 28.9586



Tritanopia

73.0899, 65.9460, 71.1639

Trichromacy



Original Color

63.0900, 66.1478, 19.5678

Protanomaly

61.4544, 66.4025, 19.9339

Deuteranomaly

65.2535, 66.0530, 25.2299

Tritanomaly

68.0994, 65.2959, 46.0599

Monochromacy



Original Color

63.0900, 66.1478, 19.5678

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.4716, 63.3580, 44.6921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0900, 66.1478, 19.5678 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(247, 209, 92)` looks like.

```
.text, #text, p{  
    color:rgb(247, 209, 92)  
}
```

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(247, 209, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 209, 92) }
```

Border

The CSS property to change the border of an element to XYZ 63.0900, 66.1478, 19.5678 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(247, 209, 92) }
```


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

```
.border{ border-color:rgb(247, 209, 92) }
```

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

Here you see how a box with a 4 pixel rgb(247, 209, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 209, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 209, 92);  
box-shadow:4px 4px 4px 4px rgb(247, 209,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0900, 66.1478, 19.5678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 209, 92) }
```

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

```
.background{ background-color: rgb(247,  
209, 92) }
```

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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