

Converting Colors

XYZ(60.0000, 59.1693, 23.4176)

Have a look what the booklet for
XYZ(60.0000, 59.1693, 23.4176)
contains.

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Color

**XYZ(60.1671, 59.3241,
23.3185)**

Conversions

Conversions Part 1

Format	Color
Hex	F6C26F
RGB	246, 194, 111
RGB Percent	96%, 76%, 44%
CMY	0.0353, 0.2392, 0.5647
CMYK	0.00, 0.21, 0.55, 0.04
HSL	37°, 88%, 70%
HSV	37°, 55%, 96%
XYZ	60.1671, 59.3241, 23.3185
YIQ	200.0860, 57.6350, -14.7890

Conversions

Conversions Part 2

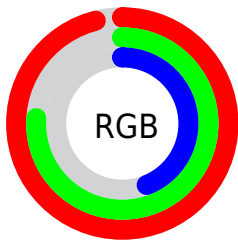
Format	Color
R_{YB}	196, 246, 111
Decimal	16171631
CIE _{Lab}	81.47, 9.19, 48.39
CIE _{LCh}	81, 49.257, 79.248
Yxy	59.3241, 0.4213, 0.4154
Android (android.graphics.Color)	4294361711 (0xFFFF6C26F)
YUV	200.0860, -43.9194, 40.2666
Hunter-Lab	77.0221, 4.6494, 35.9654

Details

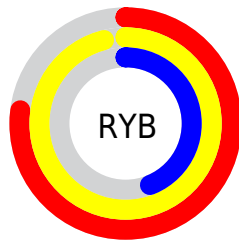
The XYZ color **60.1671, 59.3241, 23.3185** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.2868, 36.2263, 92.2684**, and the grayscale version is **55.1913, 58.0655, 63.2333**.

A 20% lighter version of the original color is **82.1264, 92.3116, 48.6113**, and **30.8340, 29.9408, 8.4290** is the 20% darker color. If you saturate the color by 10%, you get **56.9531, 54.7736, 16.4600**, and if you desaturate by 10%, it is **63.8913, 64.2985, 32.1881**.

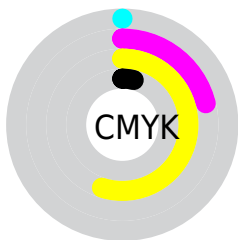
Distribution



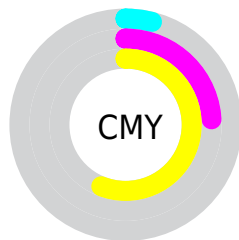
- Red (96%)
- Green (76%)
- Blue (44%)



- Red (77%)
- Yellow (96%)
- Blue (44%)



- Cyan (0%)
- Magenta (21%)
- Yellow (55%)
- Black (4%)





- Cyan (4%)
- Magenta (24%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1671, 59.3241, 23.3185 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 60.1671, 59.3241, 23.3185 by changing the saturation by 10% instead.


 60.1671, 59.3241,
23.3185


 60.1671, 59.3241,
23.3185


415.0383,
422.1019, 282.5314


 43.8033, 42.8741,
14.6214


 104.1770,
103.8486, 49.8456


 30.7132, 29.7863,
8.4104


 132.5538,
132.6918, 68.5126

 20.5313, 19.6765,
4.2672


 165.6657,
166.4349, 91.3400

 12.8923, 12.1601,
1.7730

 203.8780,
205.4622, 118.7463

 7.4309, 6.8528,
0.4101

247.5560,
250.1582, 151.1500

 3.7817, 3.3702,
0.0000

297.0652,

 1.5794, 1.3279,

300.9072, 188.9698

0.0000

352.7708,
358.0936, 232.6241

■ 0.3789, 0.1627,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1671, 59.3241,
23.3185

■ 60.1671, 59.3241,
23.3185

■ 56.9531, 54.7736,
16.4600

■ 63.8913, 64.2985,
32.1881

■ 54.2112, 50.6207,
11.4426


■ 68.1519, 69.7040,
43.2129


■ 51.9036, 46.8487,
8.0741

■ 72.9776, 75.5585,
56.5276


■ 49.9827, 43.4342,
6.1167

■ 78.3942, 81.8756,
72.2549

 49.1135, 41.8080,
5.4812

 84.4251, 88.6686,
90.5087

 90.5073, 95.7156,
108.3125

 91.8159, 98.3328,
108.7486

Harmonies

Analogous

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



70.3482, 59.3241, 30.4130



60.1671, 59.3241, 23.3185



50.0972, 59.3241, 24.4403

Triad

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



60.1671, 59.3241, 23.3185



39.6580, 59.3241, 85.1859



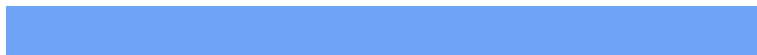
72.7837, 59.3241, 109.2178

Complementary

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



60.1671, 59.3241, 23.3185



36.2868, 36.2263, 92.2684

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.



63.1798, 59.3241, 134.4252



60.1671, 59.3241, 23.3185



44.4050, 59.3241, 117.8827

Square

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



60.1671, 59.3241, 23.3185



39.0596, 59.3241, 54.5667



52.7663, 59.3241, 138.0068



78.2006, 59.3241, 75.7798

Rectangle

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



60.1671, 59.3241, 23.3185



44.7458, 59.3241, 29.8369



52.7663, 59.3241, 138.0068



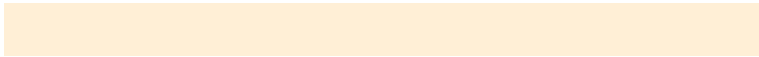
69.8872, 59.3241, 119.3191

Sweetspot

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



60.1685, 59.3270, 23.3197



84.3535, 88.0260, 76.2971



50.4823, 33.6789, 39.4379



17.7875, 18.5322, 15.5440



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.



60.1685, 59.3270, 23.3197



61.4006, 58.8484, 17.0754



69.2663, 84.2987, 27.6602



17.3475, 18.1791, 17.3922



26.3550, 22.5956, 2.9723



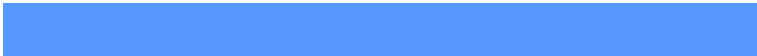
2.4157, 2.1846, 0.2944

Inverse Universe

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



36.2868, 36.2263, 92.2684



33.1029, 31.5327, 98.9494



30.7042, 22.3458, 89.8834



16.1044, 16.9731, 20.9699



11.1765, 8.1469, 47.5215



1.0787, 0.9087, 4.2088

Previews

White Background



This preview shows how the XYZ color 60.1671, 59.3241, 23.3185 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 60.1671, 59.3241, 23.3185 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 60.1671, 59.3241, 23.3185

Background



This preview shows how black text looks on a background with the XYZ color 60.1671, 59.3241, 23.3185.



This preview shows how white text looks on a background with the XYZ color 60.1671, 59.3241,

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

60.1671, 59.3241, 23.3185

Protanopia

54.8246, 59.6148, 24.5368

Deuteranopia

60.6506, 59.2441, 23.2775



Tritanopia

67.8415, 59.2408, 61.2851

Trichromacy



Original Color

60.1671, 59.3241, 23.3185

Protanomaly

56.5899, 59.4897, 24.1228

Deuteranomaly

60.2970, 59.0618, 23.2610

Tritanomaly

64.2905, 59.0436, 44.0845

Monochromacy



Original Color

60.1671, 59.3241, 23.3185

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.8772, 57.9670, 45.2895

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1671, 59.3241, 23.3185 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(246, 194, 111)` looks like.

```
.text, #text, p{  
    color:rgb(246, 194, 111)  
}
```

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(246, 194, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 194, 111) }
```

Border

The CSS property to change the border of an element to XYZ 60.1671, 59.3241, 23.3185 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(246, 194, 111) }
```


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

```
.border{ border-color:rgb(246, 194, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 194, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 194, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 194, 111); box-shadow:4px 4px 4px 4px rgb(246, 194, 111) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1671, 59.3241, 23.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 194, 111) }
```

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

```
.background{ background-color: rgb(246,  
194, 111) }
```

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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