

Converting Colors

XYZ(60.4203, 61.8056, 25.1649)

Have a look what the booklet for
XYZ(60.4203, 61.8056, 25.1649)
contains.

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Color

**XYZ(60.3147, 61.7350,
25.2601)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C974
RGB	241, 201, 116
RGB Percent	95%, 79%, 45%
CMY	0.0549, 0.2117, 0.5451
CMYK	0.00, 0.17, 0.52, 0.05
HSL	41°, 82%, 70%
HSV	41°, 52%, 95%
XYZ	60.3147, 61.7350, 25.2601
YIQ	203.2700, 51.1250, -17.9550

Conversions

Conversions Part 2

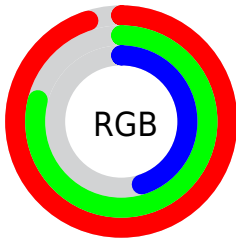
Format	Color
RYB	175, 241, 116
Decimal	15845748
CIELab	82.77, 3.92, 47.41
CIELCh	83, 47.568, 85.268
Yxy	61.7350, 0.4094, 0.4191
Android (android.graphics.Color)	4294035828 (0xFFFF1C974)
YUV	203.2700, -43.0241, 33.0892
Hunter-Lab	78.5716, -0.4766, 35.9389

Details

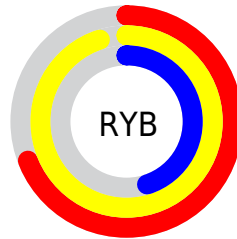
The XYZ color **60.3147, 61.7350, 25.2601** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.9677, 33.8396, 87.9076**, and the grayscale version is **57.1754, 60.1529, 65.5065**.

A 20% lighter version of the original color is **84.2557, 95.6823, 52.0580**, and **30.6793, 31.1942, 9.4051** is the 20% darker color. If you saturate the color by 10%, you get **57.3384, 57.7424, 18.2262**, and if you desaturate by 10%, it is **63.7479, 66.0595, 34.2414**.

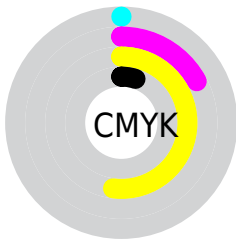
Distribution



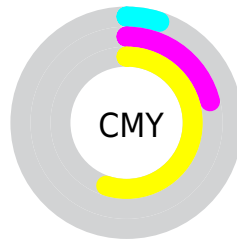
- Red (95%)
- Green (79%)
- Blue (45%)



- Red (69%)
- Yellow (95%)
- Blue (45%)



- Cyan (0%)
- Magenta (17%)
- Yellow (52%)
- Black (5%)



- Cyan (5%)
- Magenta (21%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3147, 61.7350, 25.2601 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 60.3147, 61.7350, 25.2601 by changing the saturation by 10% instead.

60.3147, 61.7350,
25.2601

60.3147, 61.7350,
25.2601

415.5730,
430.9638, 292.6198

43.9228, 44.8186,
16.0502

104.3898,
107.3424, 53.0482

30.8075, 31.3146,
9.4049

132.8037,
136.8023, 72.4635

20.6034, 20.8385,
4.9058

165.9556,
171.2121, 96.1176

12.9452, 13.0060,
2.1343

204.2109,
210.9562, 124.4291

7.4676, 7.4327,
0.6361

247.9349,
256.4190, 157.8165

3.8051, 3.7341,
0.0000

297.4930,

1.5925, 1.5260,

307.9849, 196.6984

0.0000

353.2506,
366.0384, 241.4933

■ 0.3875, 0.3069,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3147, 61.7350,
25.2601

■ 60.3147, 61.7350,
25.2601

■ 57.3384, 57.7424,
18.2262

■ 63.7479, 66.0595,
34.2414

■ 54.7844, 54.0586,
12.9842


■ 67.6604, 70.7198,
45.3020


■ 52.6198, 50.6708,
9.3607

■ 72.0783, 75.7307,
58.5666


■ 50.8035, 47.5603,
7.1458


■ 77.0244, 81.1033,
74.1487

 49.5315, 45.2125,
6.1163

 82.5199, 86.8480,
92.1541

 87.6695, 92.6086,
107.8623

 90.0800, 97.4297,
108.6658

 90.0856, 97.4407,
108.6677

Harmonies

Analogous

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



70.6112, 61.7350, 30.7409



60.3147, 61.7350, 25.2601



50.6760, 61.7350, 28.0645

Triad

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



60.3147, 61.7350, 25.2601



42.6278, 61.7350, 94.2432



76.3704, 61.7350, 104.6885

Complementary

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



60.3147, 61.7350, 25.2601



34.9677, 33.8396, 87.9076

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.



67.4793, 61.7350, 132.1068



60.3147, 61.7350, 25.2601



48.1700, 61.7350, 124.9497

Square

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



60.3147, 61.7350, 25.2601



41.1780, 61.7350, 62.6786



57.0697, 61.7350, 140.4305



80.5416, 61.7350, 71.9733

Rectangle

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



60.3147, 61.7350, 25.2601



45.7847, 61.7350, 34.8589



57.0697, 61.7350, 140.4305



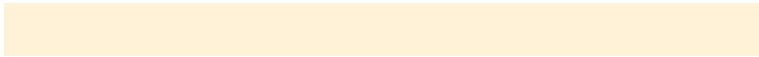
73.7878, 61.7350, 115.1651

Sweetspot

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



60.3162, 61.7379, 25.2613



85.1392, 89.5973, 76.5590



48.6643, 33.6493, 36.1283



17.9754, 18.9080, 15.6067



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.



60.3162, 61.7379, 25.2613



65.0847, 65.5045, 20.4981



64.1735, 79.4132, 28.4697



16.6717, 17.5565, 16.6598



26.9869, 24.7719, 3.3591



2.3344, 2.2395, 0.3092

Inverse Universe

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



34.9677, 33.8396, 87.9076



33.4784, 30.7745, 98.7833



32.4124, 24.1467, 86.1714



15.3101, 16.0543, 20.0135



10.1607, 6.5456, 45.8558



0.9317, 0.7175, 3.8436

Previews

White Background



This preview shows how the XYZ color 60.3147, 61.7350, 25.2601 looks on a white background.

Color Contrast Check

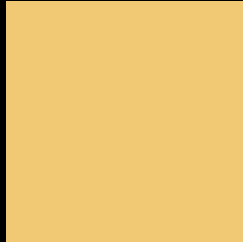
Large Text (above 18pt) WCAG AA × Fail

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 60.3147, 61.7350, 25.2601 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 60.3147, 61.7350, 25.2601

Background



This preview shows how black text looks on a background with the XYZ color 60.3147, 61.7350, 25.2601.



This preview shows how white text looks on a background with the XYZ color 60.3147, 61.7350,

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

60.3147, 61.7350, 25.2601

Protanopia

56.7054, 61.6194, 26.0446

Deuteranopia

62.9608, 61.7261, 25.4256



Tritanopia

68.7172, 61.8091, 66.0662

Trichromacy



Original Color

60.3147, 61.7350, 25.2601

Protanomaly

57.7587, 61.4590, 25.6482

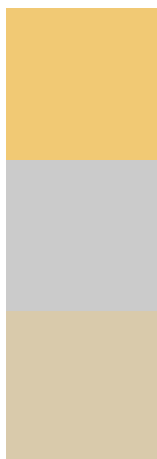
Deuteranomaly

61.7627, 61.4467, 25.4348

Tritanomaly

65.0640, 61.6402, 48.0037

Monochromacy



Original Color

60.3147, 61.7350, 25.2601

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.0865, 59.9330, 47.0875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3147, 61.7350, 25.2601 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(241, 201, 116)` looks like.

```
.text, #text, p{  
    color:rgb(241, 201, 116)  
}
```

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(241, 201, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 201, 116) }
```

Border

The CSS property to change the border of an element to XYZ 60.3147, 61.7350, 25.2601 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(241, 201, 116) }
```


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

```
.border{ border-color:rgb(241, 201, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 201, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 201, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 201, 116); box-shadow:4px 4px 4px 4px rgb(241, 201, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3147, 61.7350, 25.2601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 201, 116) }
```

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

```
.background{ background-color: rgb(241,  
201, 116) }
```

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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