

Converting Colors

XYZ(59.4011, 62.6103, 28.0230)

Have a look what the booklet for
XYZ(59.4011, 62.6103, 28.0230)
contains.

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Color

**XYZ(59.4011, 62.6103,
28.0230)**

Conversions

Conversions Part 1

Format	Color
Hex	EACD7C
RGB	234, 205, 124
RGB Percent	92%, 80%, 49%
CMY	0.0824, 0.1961, 0.5137
CMYK	0.00, 0.12, 0.47, 0.08
HSL	44°, 72%, 70%
HSV	44°, 47%, 92%
XYZ	59.4011, 62.6103, 28.0230
YIQ	204.4370, 43.2850, -19.0430

Conversions

Conversions Part 2

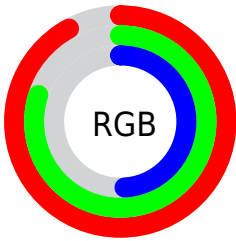
Format	Color
R _Y B	163, 234, 124
Decimal	15388028
CIE Lab	83.24, -0.26, 43.88
CIE LCh	83, 43.881, 90.338
Yxy	62.6103, 0.3959, 0.4173
Android (android.graphics.Color)	4293578108 (0xFFEACD7C)
YUV	204.4370, -39.6554, 25.9268
Hunter-Lab	79.1267, -4.4701, 34.3909

Details

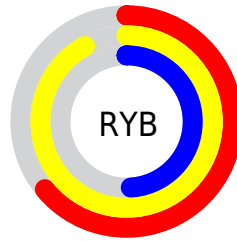
The XYZ color **59.4011, 62.6103, 28.0230** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.5544, 33.0069, 82.3915**, and the grayscale version is **57.8966, 60.9117, 66.3328**.

A 20% lighter version of the original color is **85.0359, 95.9944, 56.1664**, and **30.1737, 31.8444, 10.8596** is the 20% darker color. If you saturate the color by 10%, you get **56.6473, 59.1966, 20.6505**, and if you desaturate by 10%, it is **62.5672, 66.2866, 37.2665**.

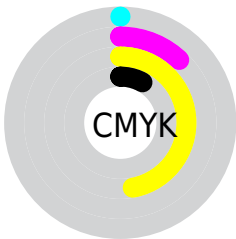
Distribution



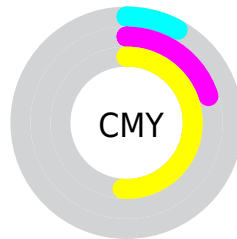
- Red (92%)
- Green (80%)
- Blue (49%)



- Red (64%)
- Yellow (92%)
- Blue (49%)



- Cyan (0%)
- Magenta (12%)
- Yellow (47%)
- Black (8%)



- Cyan (8%)
- Magenta (20%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4011, 62.6103, 28.0230 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 59.4011, 62.6103, 28.0230 by changing the saturation by 10% instead.

■ 59.4011, 62.6103,
28.0230

■ 59.4011, 62.6103,
28.0230

412.2569,
434.1538, 306.4922

■ 43.1837, 45.5260,
18.1038

■ 103.0717,
108.6071, 57.5447

■ 30.2244, 31.8720,
10.8543

■ 131.2556,
138.2884, 77.9843

■ 20.1579, 21.2637,
5.8560

■ 164.1590,
172.9375, 102.7678

■ 12.6188, 13.3169,
2.6904

202.1474,
212.9388, 132.3136

■ 7.2418, 7.6471,
0.9386

245.5860,
258.6767, 167.0405

■ 3.6614, 3.8700,
0.0000

294.8402,

■ 1.5124, 1.6011,

310.5356, 207.3668

0.0000

350.2754,
368.8998, 253.7112

■ 0.3343, 0.3583,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4011, 62.6103,
28.0230

■ 59.4011, 62.6103,
28.0230

■ 56.6473, 59.1966,
20.6505

■ 62.5672, 66.2866,
37.2665

■ 54.2755, 56.0254,
15.0121


■ 66.1645, 70.2273,
48.4973


■ 52.2578, 53.0868,
10.9582

■ 70.2160, 74.4447,
61.8266

■ 50.5600, 50.3660,
8.3122


■ 74.7417, 78.9479,
77.3563


 49.1382, 47.8443,
6.8461


 79.7601, 83.7454,
95.1815

 48.7453, 47.1197,
6.5259

 83.7377, 88.2246,
107.2233

 85.6048, 91.9587,
107.8457

 87.5343, 95.8178,
108.4889

 87.7416, 96.2324,
108.5580

Harmonies

Analogous

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



69.0406, 62.6103, 31.9965



59.4011, 62.6103, 28.0230



50.7295, 62.6103, 32.1840

Triad

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



59.4011, 62.6103, 28.0230



45.0609, 62.6103, 98.2459



76.8848, 62.6103, 97.5628

Complementary

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



59.4011, 62.6103, 28.0230



34.5544, 33.0069, 82.3915

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.



69.2477, 62.6103, 124.2000



59.4011, 62.6103, 28.0230



50.8981, 62.6103, 124.6627

Square

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



59.4011, 62.6103, 28.0230



43.0095, 62.6103, 68.4823



59.6175, 62.6103, 135.2242



79.7665, 62.6103, 67.8626

Rectangle

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



59.4011, 62.6103, 28.0230



46.4943, 62.6103, 39.8756



59.6175, 62.6103, 135.2242



74.7511, 62.6103, 107.4282

Sweetspot

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



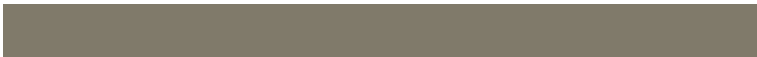
59.4026, 62.6132, 28.0243



86.8969, 92.0527, 80.4131



46.9170, 34.2193, 34.4144



18.3529, 19.4542, 16.3757



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.



59.4026, 62.6132, 28.0243



69.0815, 72.2458, 25.6915



59.1673, 73.7591, 30.1880



15.9965, 16.9160, 15.9407



27.5003, 26.6948, 3.7032



2.2372, 2.2516, 0.3167

Inverse Universe

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



34.5544, 33.0069, 82.3915



35.6384, 32.4395, 98.9908



34.5759, 26.8090, 81.1940



14.5541, 15.1946, 19.0880



9.3912, 5.4295, 44.2960



0.8139, 0.5793, 3.5038

Previews

White Background



This preview shows how the XYZ color 59.4011, 62.6103, 28.0230 looks on a white background.

Color Contrast Check

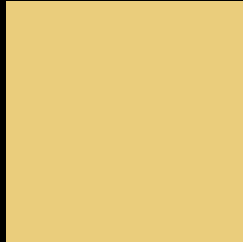
Large Text (above 18pt) WCAG AA × Fail

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 59.4011, 62.6103, 28.0230 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 59.4011, 62.6103, 28.0230

Background



This preview shows how black text looks on a background with the XYZ color 59.4011, 62.6103, 28.0230.



This preview shows how white text looks on a background with the XYZ color 59.4011, 62.6103,

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

59.4011, 62.6103, 28.0230

Protanopia

57.9361, 62.9233, 28.4939

Deuteranopia

63.7436, 62.4038, 28.4241



Tritanopia

67.7659, 62.5606, 69.4765

Trichromacy



Original Color

59.4011, 62.6103, 28.0230

Protanomaly

58.6476, 62.9293, 28.4575

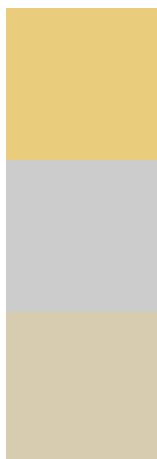
Deuteranomaly

62.2445, 62.6664, 28.2172

Tritanomaly

64.1567, 62.4522, 51.3209

Monochromacy



Original Color

59.4011, 62.6103, 28.0230

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.3551, 60.7279, 49.2562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4011, 62.6103, 28.0230 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(234, 205, 124)` looks like.

```
.text, #text, p{  
    color:rgb(234, 205, 124)  
}
```

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(234, 205, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 205, 124) }
```

Border

The CSS property to change the border of an element to XYZ 59.4011, 62.6103, 28.0230 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(234, 205, 124) }
```


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

```
.border{ border-color:rgb(234, 205, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 205, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 205, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 205, 124); box-shadow:4px 4px 4px 4px rgb(234, 205, 124) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4011, 62.6103, 28.0230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 205, 124) }
```

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

```
.background{ background-color: rgb(234,  
205, 124) }
```

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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