

Converting Colors

XYZ(60.8152, 62.9479, 29.7137)

Have a look what the booklet for
XYZ(60.8152, 62.9479, 29.7137)
contains.

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Color

**XYZ(60.8152, 62.9479,
29.7137)**

Conversions

Conversions Part 1

Format	Color
Hex	EECC81
RGB	238, 204, 129
RGB Percent	93%, 80%, 51%
CMY	0.0667, 0.2000, 0.4941
CMYK	0.00, 0.14, 0.46, 0.07
HSL	41°, 76%, 72%
HSV	41°, 46%, 93%
XYZ	60.8152, 62.9479, 29.7137
YIQ	205.6160, 44.3390, -16.1170

Conversions

Conversions Part 2

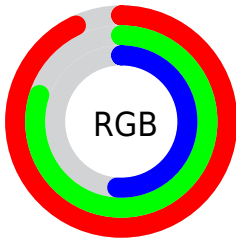
Format	Color
RYB	178, 238, 129
Decimal	15649921
CIELab	83.41, 2.34, 41.68
CIELCh	83, 41.744, 86.788
Yxy	62.9479, 0.3963, 0.4101
Android (android.graphics.Color)	4293840001 (0xFFEECC81)
YUV	205.6160, -37.7717, 28.4008
Hunter-Lab	79.3397, -2.0213, 33.3330

Details

The XYZ color **60.8152, 62.9479, 29.7137** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.5825, 37.0331, 86.0559**, and the grayscale version is **58.6360, 61.6896, 67.1800**.

A 20% lighter version of the original color is **85.5472, 96.1989, 58.8592**, and **31.1039, 32.0660, 11.7577** is the 20% darker color. If you saturate the color by 10%, you get **57.6919, 58.9449, 21.7560**, and if you desaturate by 10%, it is **64.3942, 67.2724, 39.6423**.

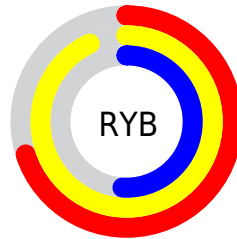
Distribution



Red (93%)

Green (80%)

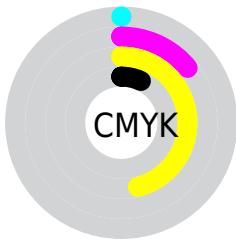
Blue (51%)



Red (70%)

Yellow (93%)

Blue (51%)

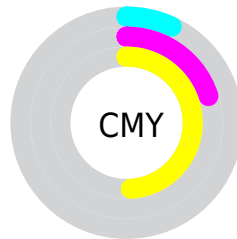


Cyan (0%)

Magenta (14%)

Yellow (46%)

Black (7%)



Cyan (7%)

Magenta (20%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8152, 62.9479, 29.7137 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 60.8152, 62.9479, 29.7137 by changing the saturation by 10% instead.

60.8152, 62.9479,
29.7137

60.8152, 62.9479,
29.7137

417.3828,
435.3804, 314.7333

44.3280, 45.7991,
19.3712

105.1109,
109.0943, 60.2648

31.1275, 32.0873,
11.7593

133.6502,
138.8607, 81.3104

20.8482, 21.4282,
6.4594

166.9376,
173.6018, 106.7608

13.1249, 13.4373,
3.0531

205.3383,
213.7018, 137.0345

7.5922, 7.7304,
1.1218

249.2179,
259.5453, 172.5501

3.8848, 3.9229,
0.0000

298.9416,

1.6371, 1.6305,

311.5167, 213.7260

0.0000

354.8748,
370.0002, 260.9809

■ 0.4164, 0.3781,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8152, 62.9479,
29.7137

■ 60.8152, 62.9479,
29.7137

■ 57.6919, 58.9449,
21.7560

■ 64.3942, 67.2724,
39.6423

■ 54.9924, 55.2418,
15.6282


■ 68.4487, 71.9211,
51.6619


■ 52.6879, 51.8275,
11.1769


■ 73.0031, 76.9079,
65.8873


■ 50.7429, 48.6858,
8.2213


■ 78.0782, 82.2429,
82.4240

 49.1138, 45.7974,
6.5384

 83.6939, 87.9356,
101.3707

 48.4948, 44.6472,
6.0618

 87.0440, 92.8654,
107.9449

 89.0698, 96.9171,
108.6201

Harmonies

Analogous

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



69.9276, 62.9479, 34.6000



60.8152, 62.9479, 29.7137



52.2906, 62.9479, 32.8514

Triad

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



60.8152, 62.9479, 29.7137



45.5393, 62.9479, 93.6763



75.6838, 62.9479, 99.7901

Complementary

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



60.8152, 62.9479, 29.7137



37.5825, 37.0331, 86.0559

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.



68.0616, 62.9479, 123.6647



60.8152, 62.9479, 29.7137



50.7546, 62.9479, 119.5526

Square

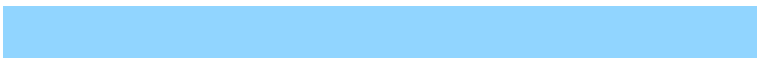
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.8152, 62.9479, 29.7137



44.0152, 62.9479, 65.7717



58.8557, 62.9479, 131.6802



79.0410, 62.9479, 71.3840

Rectangle

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



60.8152, 62.9479, 29.7137



47.9698, 62.9479, 39.6518



58.8557, 62.9479, 131.6802



73.5000, 62.9479, 108.8624

Sweetspot

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



60.8167, 62.9509, 29.7150



86.3761, 91.0111, 80.2395



49.7677, 36.5411, 39.3243



18.2253, 19.1992, 16.3332



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.



60.8167, 62.9509, 29.7150



67.6790, 69.2098, 25.9361



63.4555, 77.6419, 32.4116



16.6829, 17.5789, 16.6635



27.1759, 25.1499, 3.4221



2.3491, 2.2688, 0.3141

Inverse Universe

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



37.5825, 37.0331, 86.0559



37.3980, 35.4692, 99.4829



35.6748, 28.2623, 84.4635



15.2994, 16.0330, 20.0099



10.0859, 6.3959, 45.8308



0.9245, 0.7030, 3.8412

Previews

White Background



This preview shows how the XYZ color 60.8152, 62.9479, 29.7137 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 60.8152, 62.9479, 29.7137 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 60.8152, 62.9479, 29.7137

Background



This preview shows how black text looks on a background with the XYZ color 60.8152, 62.9479, 29.7137.



This preview shows how white text looks on a background with the XYZ color 60.8152, 62.9479,

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

60.8152, 62.9479, 29.7137

Protanopia

58.3312, 63.0813, 30.5743

Deuteranopia

64.2363, 62.9678, 29.8875



Tritanopia

68.8064, 62.7799, 68.8128

Trichromacy



Original Color

60.8152, 62.9479, 29.7137

Protanomaly

59.2971, 63.2263, 30.1977

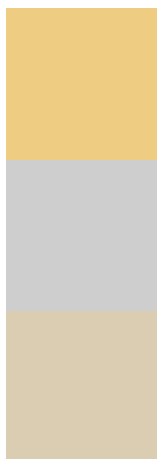
Deuteranomaly

62.9219, 62.9778, 29.9587

Tritanomaly

65.3945, 62.7381, 51.8430

Monochromacy



Original Color

60.8152, 62.9479, 29.7137

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.7806, 61.7824, 50.9466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8152, 62.9479, 29.7137 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(238, 204, 129)` looks like.

```
.text, #text, p{  
    color:rgb(238, 204, 129)  
}
```

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(238, 204, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 204, 129) }
```

Border

The CSS property to change the border of an element to XYZ 60.8152, 62.9479, 29.7137 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(238, 204, 129) }
```


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

```
.border{ border-color:rgb(238, 204, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 204, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 204, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 204, 129);  
box-shadow:4px 4px 4px 4px rgb(238, 204,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8152, 62.9479, 29.7137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 204, 129) }
```

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

```
.background{ background-color: rgb(238,  
204, 129) }
```

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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