

Converting Colors

XYZ(63.3579, 70.6647, 29.0732)

Have a look what the booklet for
XYZ(63.3579, 70.6647, 29.0732)
contains.

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Color

**XYZ(63.3633, 70.6354,
29.0333)**

Conversions

Conversions Part 1

Format	Color
Hex	EADD7B
RGB	234, 221, 123
RGB Percent	92%, 87%, 48%
CMY	0.0824, 0.1333, 0.5176
CMYK	0.00, 0.06, 0.47, 0.08
HSL	53°, 73%, 70%
HSV	53°, 47%, 92%
XYZ	63.3633, 70.6354, 29.0333
YIQ	213.7150, 39.2060, -27.7220

Conversions

Conversions Part 2

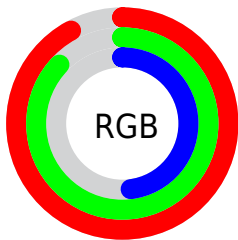
Format	Color
RYB	138, 234, 123
Decimal	15392123
CIELab	87.31, -8.50, 49.39
CIELCh	87, 50.115, 99.770
Yxy	70.6354, 0.3887, 0.4333
Android (android.graphics.Color)	4293582203 (0xFFEADD7B)
YUV	213.7150, -44.7225, 17.7899
Hunter-Lab	84.0449, -12.5034, 38.3497

Details

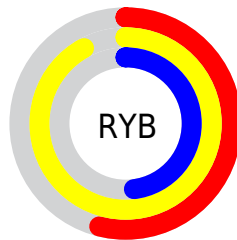
The XYZ color **63.3633, 70.6354, 29.0333** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.8237, 27.7590, 81.5224**, and the grayscale version is **63.9991, 67.3320, 73.3246**.

A 20% lighter version of the original color is **84.9358, 95.9543, 55.6394**, and **32.6780, 36.9575, 11.3724** is the 20% darker color. If you saturate the color by 10%, you get **61.3533, 68.6862, 21.9801**, and if you desaturate by 10%, it is **65.7386, 72.7548, 37.9370**.

Distribution



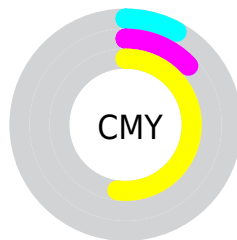
- Red (92%)
- Green (87%)
- Blue (48%)



- Red (54%)
- Yellow (92%)
- Blue (48%)



- Cyan (0%)
- Magenta (6%)
- Yellow (47%)
- Black (8%)



- Cyan (8%)
- Magenta (13%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3633, 70.6354, 29.0333 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 63.3633, 70.6354, 29.0333 by changing the saturation by 10% instead.

63.3633, 70.6354,
29.0333

63.3633, 70.6354,
29.0333

426.5255,
462.7779, 311.4379

46.3949, 52.0447,
18.8602

108.7723,
120.1144, 59.1728

32.7635, 37.0407,
11.3935

137.9437,
151.7716, 79.9763

22.1037, 25.2390,
6.2147

171.9135,
188.5530, 105.1604

14.0502, 16.2552,
2.9052

211.0470,
230.8430, 135.1435

8.2375, 9.7049,
1.0464

255.7096,
279.0262, 170.3443

4.3004, 5.2038,
0.0000

306.2667,

1.8734, 2.3673,

333.4868, 211.1813

0.0000

363.0835,
394.6092, 258.0730

■ 0.5613, 0.8090,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3633, 70.6354,
29.0333

■ 63.3633, 70.6354,
29.0333

■ 61.3533, 68.6862,
21.9801

■ 65.7386, 72.7548,
37.9370

■ 59.6782, 66.8871,
16.6396


■ 68.4970, 75.0439,
48.8072


■ 58.3107, 65.2297,
12.8617


■ 71.6612, 77.5143,
61.7556

■ 57.2171, 63.7005,
10.4685


■ 75.2506, 80.1740,
76.8840

 56.3525, 62.2815,
9.2238


 79.2834, 83.0302,
94.2879

 56.1494, 61.9279,
8.9939

 82.3938, 85.5369,
106.7754

 83.1950, 87.1392,
107.0424

 84.0083, 88.7658,
107.3135

 84.8339, 90.4170,
107.5887

Harmonies

Analogous

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



75.2840, 70.6354, 30.6628



63.3633, 70.6354, 29.0333



53.6552, 70.6354, 37.0257

Triad

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



63.3633, 70.6354, 29.0333



51.1779, 70.6354, 126.3614



90.7310, 70.6354, 101.6126

Complementary

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



63.3633, 70.6354, 29.0333



31.8237, 27.7590, 81.5224

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.



82.7064, 70.6354, 138.3754



63.3633, 70.6354, 29.0333



59.5998, 70.6354, 155.3195

Square

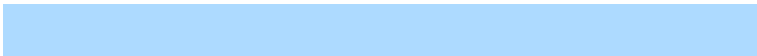
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.3633, 70.6354, 29.0333



47.1842, 70.6354, 88.4604



71.0573, 70.6354, 160.2650



92.0447, 70.6354, 66.4114

Rectangle

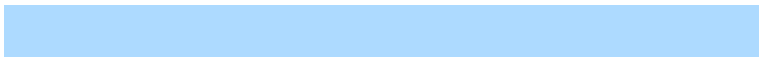
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.3633, 70.6354, 29.0333



49.3946, 70.6354, 48.6369



71.0573, 70.6354, 160.2650



88.6879, 70.6354, 114.4428

Sweetspot

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



63.3650, 70.6387, 29.0348



88.5070, 95.2728, 80.9498



45.5881, 33.4883, 28.0309



18.7484, 20.2453, 16.5076



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.



63.3650, 70.6387, 29.0348



74.6056, 83.5185, 26.8407



55.0672, 71.6527, 29.6678



16.1927, 17.3083, 16.0061



31.6136, 34.9215, 5.0743



2.5251, 2.8275, 0.4127

Inverse Universe

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



31.8237, 27.7590, 81.5224



31.9831, 25.6050, 97.8643



37.1829, 27.9679, 81.2803



14.3732, 14.8329, 19.0277



8.6174, 3.8817, 44.0380



0.7234, 0.3982, 3.4736

Previews

White Background



This preview shows how the XYZ color 63.3633, 70.6354, 29.0333 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 63.3633, 70.6354, 29.0333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

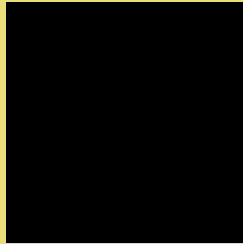
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.3633, 70.6354, 29.0333

Background



This preview shows how black text looks on a background with the XYZ color 63.3633, 70.6354, 29.0333.



This preview shows how white text looks on a background with the XYZ color 63.3633, 70.6354,

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

63.3633, 70.6354, 29.0333

Protanopia

64.7795, 70.5934, 28.6240

Deuteranopia

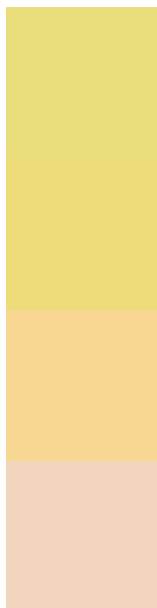
70.6201, 70.2829, 41.7422



Tritanopia

74.1841, 70.5044, 81.6503

Trichromacy



Original Color

63.3633, 70.6354, 29.0333

Protanomaly

64.3659, 70.7687, 28.6796

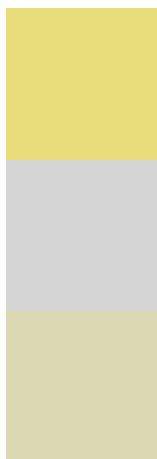
Deuteranomaly

67.7690, 70.4194, 36.8085

Tritanomaly

69.2552, 69.9634, 57.9983

Monochromacy



Original Color

63.3633, 70.6354, 29.0333

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

62.9721, 68.3341, 53.5869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3633, 70.6354, 29.0333 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, 221, 123)` looks like.

```
.text, #text, p{  
    color:rgb(234, 221, 123)  
}
```

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, 221, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 221, 123) }
```

Border

The CSS property to change the border of an element to XYZ 63.3633, 70.6354, 29.0333 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, 221, 123) }
```


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

```
.border{ border-color:rgb(234, 221, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 221, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 221, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 221, 123); box-shadow:4px 4px 4px 4px rgb(234, 221, 123) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3633, 70.6354, 29.0333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 221, 123) }
```

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

```
.background{ background-color: rgb(234,  
221, 123) }
```

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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