

Converting Colors

XYZ(56.4066, 60.9248, 24.7073)

Have a look what the booklet for
XYZ(56.4066, 60.9248, 24.7073)
contains.

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Color

**XYZ(56.3087, 60.7315,
24.6742)**

Conversions

Conversions Part 1

Format	Color
Hex	E3CC72
RGB	227, 204, 114
RGB Percent	89%, 80%, 45%
CMY	0.1098, 0.2000, 0.5529
CMYK	0.00, 0.10, 0.50, 0.11
HSL	48°, 67%, 67%
HSV	48°, 50%, 89%
XYZ	56.3087, 60.7315, 24.6742
YIQ	200.6170, 42.5980, -23.1140

Conversions

Conversions Part 2

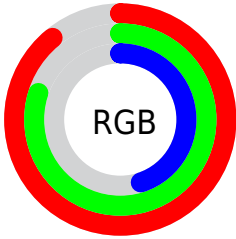
Format	Color
RYB	143, 227, 114
Decimal	14929010
CIELab	82.23, -3.49, 47.44
CIELCh	82, 47.563, 94.205
Yxy	60.7315, 0.3973, 0.4285
Android (android.graphics.Color)	4293119090 (0xFFE3CC72)
YUV	200.6170, -42.7022, 23.1379
Hunter-Lab	77.9304, -7.4029, 35.7790

Details

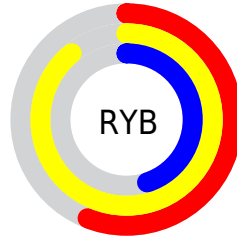
The XYZ color **56.3087, 60.7315, 24.6742** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.7501, 27.0140, 76.3191**, and the grayscale version is **55.5189, 58.4102, 63.6088**.

A 20% lighter version of the original color is **84.0679, 95.6072, 51.0690**, and **28.1657, 30.6066, 9.1258** is the 20% darker color. If you saturate the color by 10%, you get **54.0924, 58.1164, 18.3328**, and if you desaturate by 10%, it is **58.8811, 63.5457, 32.7174**.

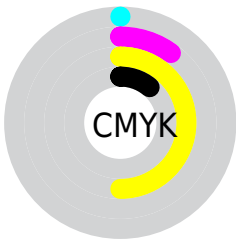
Distribution



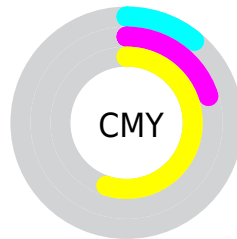
- Red (89%)
- Green (80%)
- Blue (45%)



- Red (56%)
- Yellow (89%)
- Blue (45%)



- Cyan (0%)
- Magenta (10%)
- Yellow (50%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3087, 60.7315, 24.6742 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 56.3087, 60.7315, 24.6742 by changing the saturation by 10% instead.

■ 56.3087, 60.7315,
24.6742

■ 56.3087, 60.7315,
24.6742

400.9100,
427.2888, 289.6071

■ 40.6885, 44.0085,
15.6177

■ 98.5930, 105.8901,
52.0857

■ 28.2623, 30.6772,
9.1026

■ 125.9877,
135.0945, 71.2778

■ 18.6650, 20.3532,
4.7104

■ 158.0380,
169.2281, 94.6855

■ 11.5310, 12.6520,
2.0226

195.1092,
208.6754, 122.7274

■ 6.4951, 7.1894,
0.5691

237.5666,
253.8207, 155.8219

■ 3.1919, 3.5808,
0.0000

285.7757,

■ 1.2560, 1.4420,

305.0484, 194.3877

0.0000

340.1017,
362.7430, 238.8432

■ 0.1499, 0.2473,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3087, 60.7315,
24.6742

■ 56.3087, 60.7315,
24.6742

■ 54.0924, 58.1164,
18.3328

■ 58.8811, 63.5457,
32.7174

■ 52.2034, 55.6817,
13.5620


■ 61.8273, 66.5596,
42.5730


■ 50.6153, 53.4185,
10.2178


■ 65.1686, 69.7846,
54.3466


■ 49.2950, 51.3132,
8.1276


■ 68.9238, 73.2285,
68.1346


 48.1867, 49.3430,
6.9989

 73.1101, 76.8988,
84.0269

 48.1632, 49.3003,
6.9774

 77.7438, 80.8022,
102.1080

 79.8221, 83.7381,
106.5637

 81.1719, 86.4377,
107.0137

 82.5564, 89.2066,
107.4752

Harmonies

Analogous

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



66.6086, 60.7315, 27.5807



56.3087, 60.7315, 24.6742



47.4641, 60.7315, 29.9248

Triad

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



56.3087, 60.7315, 24.6742



43.0841, 60.7315, 102.6488



77.0687, 60.7315, 93.4514

Complementary

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



56.3087, 60.7315, 24.6742



29.7501, 27.0140, 76.3191

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.



69.3639, 60.7315, 123.7293



56.3087, 60.7315, 24.6742



49.6659, 60.7315, 130.0369

Square

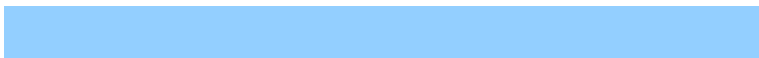
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.3087, 60.7315, 24.6742



40.4157, 60.7315, 70.2963



59.1617, 60.7315, 138.6999



79.3780, 60.7315, 62.1245

Rectangle

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



56.3087, 60.7315, 24.6742



43.3392, 60.7315, 38.6013



59.1617, 60.7315, 138.6999



74.9829, 60.7315, 104.3550

Sweetspot

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



56.3102, 60.7343, 24.6754



87.0589, 92.9107, 78.8204



42.3188, 30.2152, 27.8311



18.4157, 19.6849, 16.0726



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.



56.3102, 60.7343, 24.6754



70.2579, 75.4585, 23.4323



53.0080, 67.7530, 26.2042



15.3395, 16.2928, 15.2408



28.1744, 28.9229, 4.0977



2.1452, 2.2637, 0.3239

Inverse Universe

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



29.7501, 27.0140, 76.3191



31.9354, 26.8566, 98.1084



31.7401, 23.6940, 75.5734



13.8192, 14.3598, 18.1877



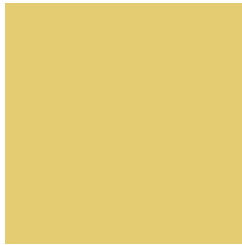
8.7269, 4.5159, 42.7949



0.7102, 0.4643, 3.1842

Previews

White Background



This preview shows how the XYZ color 56.3087, 60.7315, 24.6742 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 56.3087, 60.7315, 24.6742 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 56.3087, 60.7315, 24.6742

Background



This preview shows how black text looks on a background with the XYZ color 56.3087, 60.7315, 24.6742.

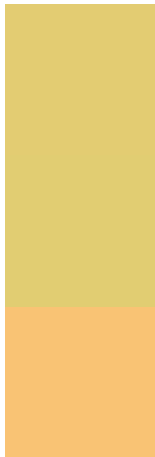


This preview shows how white text looks on a background with the XYZ color 56.3087, 60.7315,

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

56.3087, 60.7315, 24.6742

Protanopia

55.9199, 60.8851, 24.7243

Deuteranopia

61.7344, 60.4309, 24.9336



Tritanopia

65.0472, 60.5269, 67.9290

Trichromacy



Original Color

56.3087, 60.7315, 24.6742

Protanomaly

56.2326, 61.0463, 24.7389

Deuteranomaly

59.5642, 60.3267, 24.7245

Tritanomaly

61.2105, 60.3121, 48.4597

Monochromacy



Original Color

56.3087, 60.7315, 24.6742

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.8603, 58.8073, 45.9956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3087, 60.7315, 24.6742 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(227, 204, 114)` looks like.

```
.text, #text, p{  
    color:rgb(227, 204, 114)  
}
```

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(227, 204, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 204, 114) }
```

Border

The CSS property to change the border of an element to XYZ 56.3087, 60.7315, 24.6742 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(227, 204, 114) }
```


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

```
.border{ border-color:rgb(227, 204, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 204, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 204, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 204, 114);  
box-shadow:4px 4px 4px 4px rgb(227, 204,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3087, 60.7315, 24.6742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 204, 114) }
```

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

```
.background{ background-color: rgb(227,  
204, 114) }
```

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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