

Converting Colors

XYZ(62.2706, 69.3911, 29.6683)

Have a look what the booklet for
XYZ(62.2706, 69.3911, 29.6683)
contains.

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Color

**XYZ(62.3119, 69.2995,
29.4940)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DB7D
RGB	232, 219, 125
RGB Percent	91%, 86%, 49%
CMY	0.0902, 0.1412, 0.5098
CMYK	0.00, 0.06, 0.46, 0.09
HSL	53°, 70%, 70%
HSV	53°, 46%, 91%
XYZ	62.3119, 69.2995, 29.4940
YIQ	212.1710, 37.9220, -26.4780

Conversions

Conversions Part 2

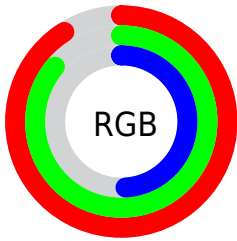
Format	Color
RYB	140, 232, 125
Decimal	15260541
CIELab	86.65, -8.11, 47.58
CIELCh	87, 48.266, 99.671
Yxy	69.2995, 0.3868, 0.4302
Android (android.graphics.Color)	4293450621 (0xFFE8DB7D)
YUV	212.1710, -42.9753, 17.3900
Hunter-Lab	83.2463, -12.0695, 37.2661

Details

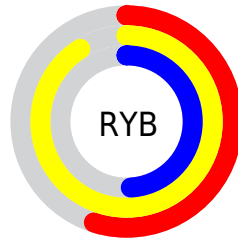
The XYZ color **62.3119, 69.2995, 29.4940** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **32.1113, 28.3623, 80.1258**, and the grayscale version is **62.9538, 66.2323, 72.1270**.

A 20% lighter version of the original color is **85.1367, 96.0347, 56.6972**, and **31.9336, 36.0306, 11.5749** is the 20% darker color. If you saturate the color by 10%, you get **60.2714, 67.3196, 22.3365**, and if you desaturate by 10%, it is **64.7144, 71.4491, 38.4814**.

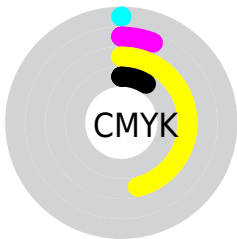
Distribution



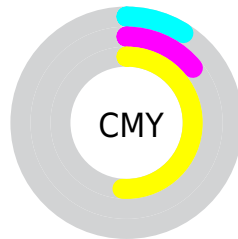
- Red (91%)
- Green (86%)
- Blue (49%)



- Red (55%)
- Yellow (91%)
- Blue (49%)



- Cyan (0%)
- Magenta (6%)
- Yellow (46%)
- Black (9%)



- Cyan (9%)
- Magenta (14%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3119, 69.2995, 29.4940 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 62.3119, 69.2995, 29.4940 by changing the saturation by 10% instead.

62.3119, 69.2995,
29.4940

62.3119, 69.2995,
29.4940

422.7673,
458.0866, 313.6723

45.5413, 50.9557,
19.2061

107.2636,
118.2092, 59.9126

32.0871, 36.1733,
11.6409

136.1754,
149.5440, 80.8803

21.5839, 24.5681,
6.3801

169.8650,
185.9777, 106.2449

13.6664, 15.7556,
3.0051

208.6978,
227.8950, 136.4252

7.9691, 9.3513,
1.0972

253.0390,
275.6801, 171.8395

4.1268, 4.9711,
0.0000

303.2541,

1.7741, 2.2303,

329.7175, 212.9064

0.0000

359.7084,
390.3915, 260.0445

■ 0.5020, 0.7364,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3119, 69.2995,
29.4940

■ 62.3119, 69.2995,
29.4940

■ 60.2714, 67.3196,
22.3365

■ 64.7144, 71.4491,
38.4814

■ 58.5632, 65.4900,
16.8758


■ 67.4960, 73.7679,
49.4108

■ 57.1615, 63.8026,
12.9677


■ 70.6787, 76.2671,
62.3904

■ 56.0338, 62.2445,
10.4421


■ 74.2813, 78.9546,
77.5190


 55.1399, 60.7994,
9.0878


 78.3215, 81.8373,
94.8893

 54.8301, 60.2587,
8.7412

 81.2983, 84.3151,
106.5973

 82.1155, 85.9495,
106.8697

 82.9456, 87.6097,
107.1464

 83.7886, 89.2956,
107.4274

Harmonies

Analogous

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



73.6430, 69.2995, 31.1092



62.3119, 69.2995, 29.4940



53.0426, 69.2995, 37.2148

Triad

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



62.3119, 69.2995, 29.4940



50.6296, 69.2995, 122.1234



88.2179, 69.2995, 98.9979

Complementary

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



62.3119, 69.2995, 29.4940



32.1113, 28.3623, 80.1258

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.



80.6081, 69.2995, 133.6447



62.3119, 69.2995, 29.4940



58.6588, 69.2995, 149.4084

Square

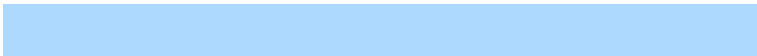
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.3119, 69.2995, 29.4940



46.8212, 69.2995, 86.3085



69.5550, 69.2995, 154.1371



89.4830, 69.2995, 65.5525

Rectangle

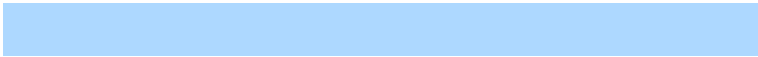
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.3119, 69.2995, 29.4940



48.9586, 69.2995, 48.3784



69.5550, 69.2995, 154.1371



86.2792, 69.2995, 111.1179

Sweetspot

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



62.3136, 69.3027, 29.4954



88.4582, 95.1753, 80.9335



45.2925, 33.6956, 28.6460



18.7364, 20.2213, 16.5036



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.



62.3136, 69.3027, 29.4954



74.8854, 83.6225, 28.3382



54.4915, 70.5008, 30.1389



15.4444, 16.5027, 15.2758



30.5021, 33.5783, 4.8736



2.2963, 2.5659, 0.3742

Inverse Universe

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



32.1113, 28.3623, 80.1258



33.3091, 27.2914, 98.1199



37.2578, 28.4116, 79.8641



13.7231, 14.1677, 18.1557



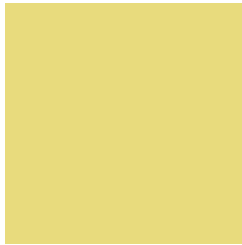
8.3670, 3.7960, 42.6749



0.6648, 0.3735, 3.1690

Previews

White Background



This preview shows how the XYZ color 62.3119, 69.2995, 29.4940 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 62.3119, 69.2995, 29.4940 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 62.3119, 69.2995, 29.4940

Background



This preview shows how black text looks on a background with the XYZ color 62.3119, 69.2995, 29.4940.

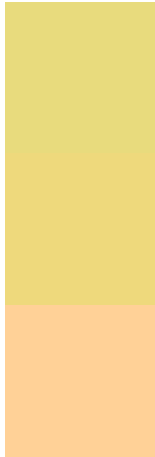


This preview shows how white text looks on a background with the XYZ color 62.3119, 69.2995,

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

62.3119, 69.2995, 29.4940

Protanopia

63.7108, 69.2581, 29.0790

Deuteranopia

69.6264, 69.0953, 38.9452



Tritanopia

72.3853, 68.8847, 80.0020

Trichromacy



Original Color

62.3119, 69.2995, 29.4940

Protanomaly

63.3016, 69.4309, 29.1339

Deuteranomaly

67.0345, 69.3157, 35.4373

Tritanomaly

67.6313, 68.3965, 57.2142

Monochromacy



Original Color

62.3119, 69.2995, 29.4940

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.7521, 66.9562, 52.8492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3119, 69.2995, 29.4940 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(232, 219, 125)` looks like.

```
.text, #text, p{  
    color:rgb(232, 219, 125)  
}
```

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(232, 219, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 219, 125) }
```

Border

The CSS property to change the border of an element to XYZ 62.3119, 69.2995, 29.4940 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(232, 219, 125) }
```


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

```
.border{ border-color:rgb(232, 219, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 219, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 219, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 219, 125);  
box-shadow:4px 4px 4px 4px rgb(232, 219,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3119, 69.2995, 29.4940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 219, 125) }
```

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

```
.background{ background-color: rgb(232,  
219, 125) }
```

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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