

Converting Colors

XYZ(62.4902, 67.9871, 26.4011)

Have a look what the booklet for
XYZ(62.4902, 67.9871, 26.4011)
contains.

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Color

**XYZ(62.3779, 67.8664,
26.3348)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD774
RGB	237, 215, 116
RGB Percent	93%, 84%, 45%
CMY	0.0706, 0.1568, 0.5451
CMYK	0.00, 0.09, 0.51, 0.07
HSL	49°, 77%, 69%
HSV	49°, 51%, 93%
XYZ	62.3779, 67.8664, 26.3348
YIQ	210.2920, 44.8910, -26.1250

Conversions

Conversions Part 2

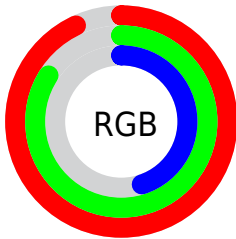
Format	Color
RYB	143, 237, 116
Decimal	15587188
CIELab	85.94, -4.88, 51.15
CIELCh	86, 51.380, 95.454
Yxy	67.8664, 0.3984, 0.4334
Android (android.graphics.Color)	4293777268 (0xFFEDD774)
YUV	210.2920, -46.4860, 23.4229
Hunter-Lab	82.3811, -9.0089, 38.7135

Details

The XYZ color **62.3779, 67.8664, 26.3348** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.5767, 28.0034, 83.8614**, and the grayscale version is **61.7274, 64.9420, 70.7218**.

A 20% lighter version of the original color is **84.2557, 95.6823, 52.0580**, and **32.2607, 35.4436, 9.9915** is the 20% darker color. If you saturate the color by 10%, you get **60.0894, 65.2213, 19.6166**, and if you desaturate by 10%, it is **65.0502, 70.7163, 34.9172**.

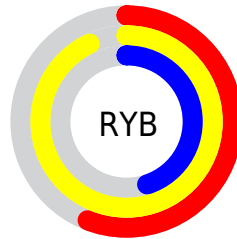
Distribution



Red (93%)

Green (84%)

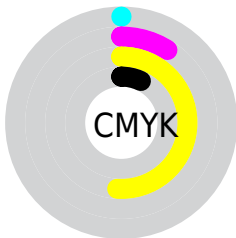
Blue (45%)



Red (56%)

Yellow (93%)

Blue (45%)

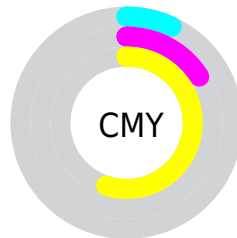


Cyan (0%)

Magenta (9%)

Yellow (51%)

Black (7%)



Cyan (7%)


Magenta (16%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3779, 67.8664, 26.3348 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 62.3779, 67.8664, 26.3348 by changing the saturation by 10% instead.


 62.3779, 67.8664,
26.3348

 62.3779, 67.8664,
26.3348


423.0038,
453.0225, 298.0793

 45.5949, 49.7891,
16.8463


 107.3584,
116.1610, 54.8053

 32.1295, 35.2458,
9.9641


 136.2865,
147.1470, 74.6243

 21.6165, 23.8523,
5.2699


 169.9938,
183.2048, 98.7239

 13.6904, 15.2241,
2.3450

208.8455,
224.7186, 127.5226

 7.9859, 8.9768,
0.7563

253.2070,
272.0729, 161.4389

 4.1377, 4.7261,
0.0000

303.4436,

 1.7803, 2.0874,

325.6520, 200.8915

0.0000

359.9208,
385.8404, 246.2988

■ 0.5058, 0.6576,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3779, 67.8664,
26.3348

■ 62.3779, 67.8664,
26.3348

■ 60.0894, 65.2213,
19.6166

■ 65.0502, 70.7163,
34.9172

■ 58.1523, 62.7601,
14.6147


■ 68.1261, 73.7717,
45.4885


■ 56.5367, 60.4730,
11.1655

■ 71.6297, 77.0450,
58.1672


■ 55.2048, 58.3446,
9.0714


■ 75.5817, 80.5450,
73.0614


 54.1991, 56.5528,
8.0592

 80.0014, 84.2796,
90.2720

 84.3869, 88.0485,
107.1551

 85.6762, 90.6271,
107.5849

 86.9959, 93.2664,
108.0248

 88.3461, 95.9668,
108.4749

Harmonies

Analogous

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



74.3693, 67.8664, 29.2313



62.3779, 67.8664, 26.3348



52.2494, 67.8664, 32.6780

Triad

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



62.3779, 67.8664, 26.3348



47.7722, 67.8664, 118.2210



87.3557, 67.8664, 104.2186

Complementary

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



62.3779, 67.8664, 26.3348



31.5767, 28.0034, 83.8614

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.



78.5412, 67.8664, 140.2538



62.3779, 67.8664, 26.3348



55.5539, 67.8664, 149.9104

Square

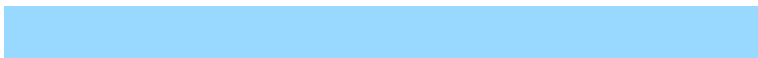
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.3779, 67.8664, 26.3348



44.4993, 67.8664, 80.2277



66.6799, 67.8664, 159.0035



89.7550, 67.8664, 67.9046

Rectangle

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



62.3779, 67.8664, 26.3348



47.6039, 67.8664, 42.9010



66.6799, 67.8664, 159.0035



84.9964, 67.8664, 117.0731

Sweetspot

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



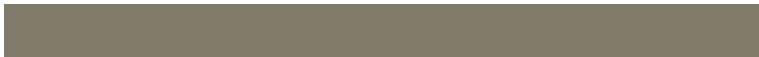
62.3795, 67.8696, 26.3362



87.3139, 93.4207, 78.9053



45.7715, 32.3362, 27.9443



18.4776, 19.8087, 16.0933



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.



62.3795, 67.8696, 26.3362



70.9079, 76.9579, 23.0346



56.9060, 73.9281, 27.7941



16.1056, 17.1342, 15.9771



29.6798, 31.0539, 4.4297



2.3911, 2.5596, 0.3680

Inverse Universe

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



31.5767, 28.0034, 83.8614



30.9281, 25.2645, 97.8542



34.9188, 25.5071, 83.2035



14.4526, 14.9917, 19.0542



8.8870, 4.4209, 44.1279



0.7610, 0.4734, 3.4861

Previews

White Background



This preview shows how the XYZ color 62.3779, 67.8664, 26.3348 looks on a white background.

Color Contrast Check

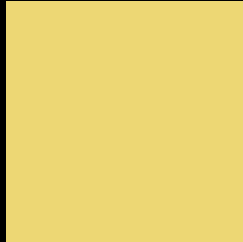
Large Text (above 18pt) WCAG AA × Fail

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 62.3779, 67.8664, 26.3348 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 62.3779, 67.8664, 26.3348

Background



This preview shows how black text looks on a background with the XYZ color 62.3779, 67.8664, 26.3348.

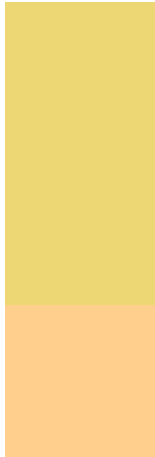


This preview shows how white text looks on a background with the XYZ color 62.3779, 67.8664,

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

62.3779, 67.8664, 26.3348

Protanopia

62.3779, 67.8664, 26.3348

Deuteranopia

68.4353, 67.8386, 35.0784



Tritanopia

72.4999, 67.6005, 76.2449

Trichromacy



Original Color

62.3779, 67.8664, 26.3348

Protanomaly

62.3779, 67.8664, 26.3348

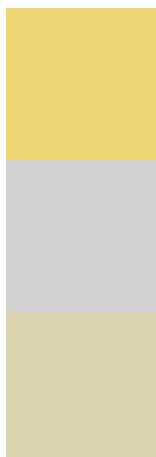
Deuteranomaly

65.9916, 67.7431, 31.7879

Tritanomaly

67.7185, 67.0577, 53.6303

Monochromacy



Original Color

62.3779, 67.8664, 26.3348

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.8952, 65.4372, 50.4954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3779, 67.8664, 26.3348 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(237, 215, 116)` looks like.

```
.text, #text, p{  
    color:rgb(237, 215, 116)  
}
```

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(237, 215, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 215, 116) }
```

Border

The CSS property to change the border of an element to XYZ 62.3779, 67.8664, 26.3348 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(237, 215, 116) }
```


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

```
.border{ border-color:rgb(237, 215, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 215, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 215, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 215, 116);  
box-shadow:4px 4px 4px 4px rgb(237, 215,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3779, 67.8664, 26.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 215, 116) }
```

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

```
.background{ background-color: rgb(237,  
215, 116) }
```

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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