

Converting Colors

XYZ(38.2624, 26.1834, 16.9472)

Have a look what the booklet for
XYZ(38.2624, 26.1834, 16.9472)
contains.

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Color

**XYZ(38.2624, 26.1834,
16.9472)**

Conversions

Conversions Part 1

Format	Color
Hex	E1646B
RGB	225, 100, 107
RGB Percent	88%, 39%, 42%
CMY	0.1176, 0.6078, 0.5804
CMYK	0.00, 0.56, 0.52, 0.12
HSL	357°, 68%, 64%
HSV	357°, 56%, 88%
XYZ	38.2624, 26.1834, 16.9472
YIQ	138.1730, 72.2530, 28.6770

Conversions

Conversions Part 2

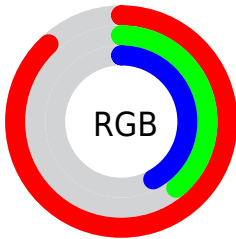
Format	Color
R_{YB}	225, 100, 107
Decimal	14771307
CIE _{Lab}	58.21, 49.31, 20.37
CIE _{LCh}	58, 53.355, 22.441
Yxy	26.1834, 0.4701, 0.3217
Android (android.graphics.Color)	4292961387 (0xFFE1646B)
YUV	138.1730, -15.3683, 76.1473
Hunter-Lab	51.1697, 43.9272, 16.1822

Details

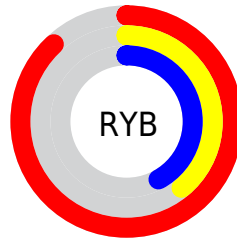
The XYZ color **38.2624, 26.1834, 16.9472** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **44.8372, 61.6224, 75.8650**, and the grayscale version is **24.2619, 25.5254, 27.7972**.

A 20% lighter version of the original color is **58.9672, 46.8398, 38.2808**, and **17.2710, 10.2023, 5.3339** is the 20% darker color. If you saturate the color by 10%, you get **35.4109, 22.0546, 11.1441**, and if you desaturate by 10%, it is **41.9855, 31.6164, 24.3954**.

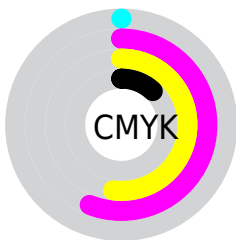
Distribution



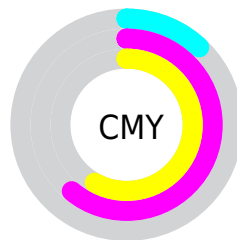
- Red (88%)
- Green (39%)
- Blue (42%)



- Red (88%)
- Yellow (39%)
- Blue (42%)



- Cyan (0%)
- Magenta (56%)
- Yellow (52%)
- Black (12%)





- Cyan (12%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2624, 26.1834, 16.9472 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 38.2624, 26.1834, 16.9472 by changing the saturation by 10% instead.


 38.2624, 26.1834,
16.9472


 38.2624, 26.1834,
16.9472


330.0057,
283.6812, 246.9016

 26.3645, 16.9609,
10.0353


 71.8115, 53.5707,
39.0244


 17.2307, 10.2066,
5.3165


 94.1934, 72.5042,
55.0267

 10.4954, 5.5362,
2.3721


 120.8007, 95.4436,
74.8963

 5.7934, 2.5652,
0.7712

 151.9988,
122.7731, 99.0517

 2.7593, 0.9092,
0.0000

188.1529,
154.8773, 127.9113

 1.0278, 0.0000,
0.0000

229.6286,

 0.0000, 0.0000,

192.1404, 161.8938

0.0000

276.7910,
234.9469, 201.4177

■ 38.2624, 26.1834,
16.9472

■ 38.2624, 26.1834,
16.9472

■ 35.4109, 22.0546,
11.1441

■ 41.9855, 31.6164,
24.3954

■ 33.3581, 19.1167,
6.8600

■ 46.6413, 38.4459,
33.5989

■ 32.0227, 17.2446,
3.9531

■ 52.2875, 46.7609,
44.6602

■ 31.3051, 16.2828,
2.2539

■ 58.9769, 56.6418,
57.6734

■ 31.1213, 16.0355,
1.8219

■ 66.7582, 68.1630,
72.7263

■ 75.6773, 81.3945,
89.9012

■ 84.8613, 94.7475,
108.4232

Harmonies

Analogous

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



39.3852, 26.1834, 33.4633



38.2624, 26.1834, 16.9472



33.2758, 26.1834, 8.5529

Triad

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



38.2624, 26.1834, 16.9472



16.2624, 26.1834, 11.8266



23.2839, 26.1834, 80.4929

Complementary

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



38.2624, 26.1834, 16.9472



44.8372, 61.6224, 75.8650

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.



18.0410, 26.1834, 67.1572



38.2624, 26.1834, 16.9472



14.4703, 26.1834, 24.0700

Square

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



38.2624, 26.1834, 16.9472



20.4291, 26.1834, 6.6179



15.0597, 26.1834, 44.4055



29.9493, 26.1834, 75.8109

Rectangle

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



38.2624, 26.1834, 16.9472



28.8358, 26.1834, 6.2332



15.0597, 26.1834, 44.4055



21.3154, 26.1834, 77.8224

Sweetspot

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



38.2631, 26.1848, 16.9477



76.8433, 73.0311, 73.7153



46.6648, 29.2527, 74.4209



16.0481, 15.0411, 15.0020



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.



38.2631, 26.1848, 16.9477



46.4293, 28.4269, 13.5613



44.9357, 40.0954, 17.4292



13.7382, 13.7129, 14.3914



17.9471, 9.2459, 1.1214



1.2551, 0.6453, 0.1363

Inverse Universe

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



38.2631, 26.1848, 16.9477



46.4293, 28.4269, 13.5613



33.3789, 37.2100, 76.6571



13.7382, 13.7129, 14.3914



17.9471, 9.2459, 1.1214



1.2551, 0.6453, 0.1363

Previews

White Background



This preview shows how the XYZ color 38.2624, 26.1834, 16.9472 looks on a white background.

Color Contrast Check

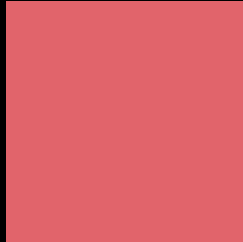
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.2624, 26.1834, 16.9472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

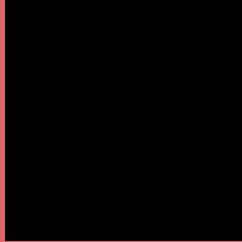
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.2624, 26.1834, 16.9472

Background



This preview shows how black text looks on a background with the XYZ color 38.2624, 26.1834, 16.9472.



This preview shows how white text looks on a background with the XYZ color 38.2624, 26.1834,

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

38.2624, 26.1834, 16.9472

Protanopia

24.9980, 26.3735, 23.5117

Deuteranopia

26.8104, 26.2053, 15.9570



Tritanopia

38.2624, 26.1834, 16.9472

Trichromacy



Original Color

38.2624, 26.1834, 16.9472

Protanomaly

28.3426, 25.1131, 20.8063

Deuteranomaly

30.1468, 25.5897, 16.1824

Tritanomaly

38.2624, 26.1834, 16.9472

Monochromacy



Original Color

38.2624, 26.1834, 16.9472

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

27.6160, 24.4937, 23.3509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2624, 26.1834, 16.9472 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(225, 100, 107)` looks like.

```
.text, #text, p{  
  color:rgb(225, 100, 107)  
}
```

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(225, 100, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 100, 107) }
```

Border

The CSS property to change the border of an element to XYZ 38.2624, 26.1834, 16.9472 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(225, 100, 107) }
```


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

```
.border{ border-color:rgb(225, 100, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 100, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 100, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 100, 107);  
box-shadow:4px 4px 4px 4px rgb(225, 100,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2624, 26.1834, 16.9472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 100, 107) }
```

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

```
.background{ background-color: rgb(225,  
100, 107) }
```

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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