

Converting Colors

XYZ(38.2184, 30.0416, 25.8738)

Have a look what the booklet for
XYZ(38.2184, 30.0416, 25.8738)
contains.

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Color

**XYZ(38.1456, 30.0623,
25.9824)**

Conversions

Conversions Part 1

Format	Color
Hex	D27D85
RGB	210, 125, 133
RGB Percent	82%, 49%, 52%
CMY	0.1765, 0.5098, 0.4784
CMYK	0.00, 0.40, 0.37, 0.18
HSL	354°, 49%, 66%
HSV	354°, 40%, 82%
XYZ	38.1456, 30.0623, 25.9824
YIQ	151.3270, 48.0920, 20.5080

Conversions

Conversions Part 2

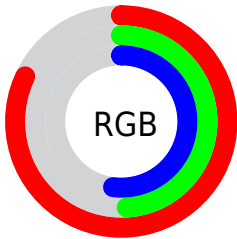
Format	Color
R _Y B	210, 125, 133
Decimal	13794693
CIE Lab	61.71, 33.86, 9.93
CIE LCh	62, 35.289, 16.339
Yxy	30.0623, 0.4050, 0.3192
Android (android.graphics.Color)	4291984773 (0xFFD27D85)
YUV	151.3270, -9.0352, 51.4562
Hunter-Lab	54.8291, 28.2348, 10.2840

Details

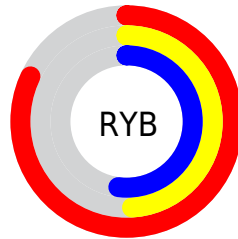
The XYZ color **38.1456, 30.0623, 25.9824** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **42.1661, 54.7181, 64.2194**, and the grayscale version is **29.5793, 31.1197, 33.8894**.

A 20% lighter version of the original color is **66.2230, 57.0454, 53.9749**, and **17.1859, 12.3100, 9.8578** is the 20% darker color. If you saturate the color by 10%, you get **34.5652, 24.8178, 18.8810**, and if you desaturate by 10%, it is **42.5277, 36.5290, 34.5260**.

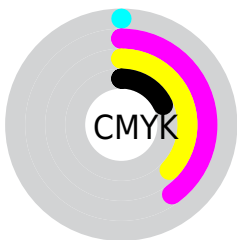
Distribution



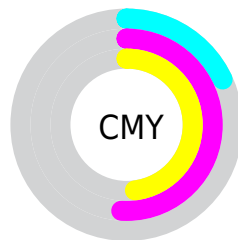
- Red (82%)
- Green (49%)
- Blue (52%)



- Red (82%)
- Yellow (49%)
- Blue (52%)



- Cyan (0%)
- Magenta (40%)
- Yellow (37%)
- Black (18%)





- Cyan (18%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1456, 30.0623, 25.9824 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 38.1456, 30.0623, 25.9824 by changing the saturation by 10% instead.


 38.1456, 30.0623,
25.9824


 38.1456, 30.0623,
25.9824


329.5142,
302.1947, 296.2984

 26.2734, 19.8859,
16.5848


 71.6337, 59.7607,
54.2303

 17.1621, 12.3121,
9.7801


 93.9804, 80.0514,
73.9177

 10.4461, 6.9566,
5.1497


 120.5492,
104.4824, 97.8721

 5.7603, 3.4350,
2.2751

151.7057,
133.4381, 126.5121

 2.7391, 1.3628,
0.7172

187.8150,
167.3027, 160.2562

 1.0174, 0.1891,
0.0000

229.2427,

 0.0000, 0.0000,

206.4608, 199.5229

0.0000

276.3539,
251.2967, 244.7308

■ 38.1456, 30.0623,
25.9824

■ 38.1456, 30.0623,
25.9824

■ 34.5652, 24.8178,
18.8810

■ 42.5277, 36.5290,
34.5260

■ 31.7354, 20.7144,
13.1406

■ 47.7536, 44.2833,
44.5837

■ 29.6033, 17.6683,
8.6743


■ 53.8652, 53.3915,
56.2246


■ 28.1076, 15.5824,
5.3844


■ 60.9011, 63.9137,
69.5128

■ 27.1765, 14.3413,
3.1592

■ 68.8975, 75.9067,
84.5091

 26.7025, 13.7513,
1.8973

 77.8887, 89.4241,
101.2712

 80.3884, 92.4417,
108.2138

Harmonies

Analogous

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



38.2782, 30.0623, 39.2295



38.1456, 30.0623, 25.9824



35.2730, 30.0623, 17.3602

Triad

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



38.1456, 30.0623, 25.9824



22.5251, 30.0623, 17.9262



26.4929, 30.0623, 64.8473

Complementary

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



38.1456, 30.0623, 25.9824



42.1661, 54.7181, 64.2194

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.



22.7807, 30.0623, 55.2361



38.1456, 30.0623, 25.9824



20.6653, 30.0623, 26.9961

Square

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



38.1456, 30.0623, 25.9824



26.1072, 30.0623, 13.6574



20.7535, 30.0623, 40.5613



31.1900, 30.0623, 64.3551

Rectangle

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



38.1456, 30.0623, 25.9824



32.3532, 30.0623, 14.2980



20.7535, 30.0623, 40.5613



25.0999, 30.0623, 62.5982

Sweetspot

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



38.1464, 30.0638, 25.9830



81.9069, 80.3480, 84.0665



43.1894, 31.8088, 64.8362



17.2527, 16.7820, 17.4640



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.



38.1464, 30.0638, 25.9830



54.0970, 39.1857, 30.2264



42.6791, 39.9799, 24.8714



11.8533, 11.8260, 12.5031



16.3047, 8.3947, 1.2446



0.9275, 0.4757, 0.1531

Inverse Universe

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



38.1464, 30.0638, 25.9830



54.0970, 39.1857, 30.2264



35.6169, 40.0651, 66.8290



11.8533, 11.8260, 12.5031



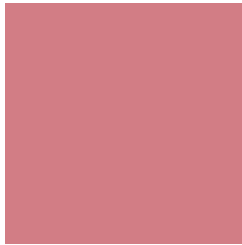
16.3047, 8.3947, 1.2446



0.9275, 0.4757, 0.1531

Previews

White Background



This preview shows how the XYZ color 38.1456, 30.0623, 25.9824 looks on a white background.

Color Contrast Check

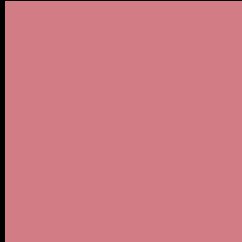
Large Text (above 18pt) WCAG AA × Fail

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 38.1456, 30.0623, 25.9824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

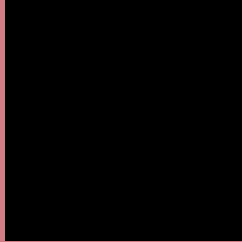
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.1456, 30.0623, 25.9824

Background



This preview shows how black text looks on a background with the XYZ color 38.1456, 30.0623, 25.9824.



This preview shows how white text looks on a background with the XYZ color 38.1456, 30.0623,

25.9824.

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

38.1456, 30.0623, 25.9824

Protanopia

29.0726, 30.3425, 31.5185

Deuteranopia

30.7971, 30.2162, 25.3282



Tritanopia

38.2150, 30.0901, 26.3481

Trichromacy



Original Color

38.1456, 30.0623, 25.9824

Protanomaly

31.6414, 29.6779, 29.2600

Deuteranomaly

33.0500, 29.8443, 25.4913

Tritanomaly

38.2150, 30.0901, 26.3481

Monochromacy



Original Color

38.1456, 30.0623, 25.9824

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.7203, 30.1303, 30.5294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1456, 30.0623, 25.9824 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(210, 125, 133)` looks like.

```
.text, #text, p{  
    color:rgb(210, 125, 133)  
}
```

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(210, 125, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 125, 133) }
```

Border

The CSS property to change the border of an element to XYZ 38.1456, 30.0623, 25.9824 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(210, 125, 133) }
```


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

```
.border{ border-color:rgb(210, 125, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 125, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 125, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 125, 133);  
box-shadow:4px 4px 4px 4px rgb(210, 125,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1456, 30.0623, 25.9824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 125, 133) }
```

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

```
.background{ background-color: rgb(210,  
125, 133) }
```

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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