

Converting Colors

XYZ(30.5960, 18.7802, 13.0787)

Have a look what the booklet for
XYZ(30.5960, 18.7802, 13.0787)
contains.

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Color

**XYZ(30.5960, 18.7802,
13.0787)**

Conversions

Conversions Part 1

Format	Color
Hex	D14660
RGB	209, 70, 96
RGB Percent	82%, 27%, 38%
CMY	0.1804, 0.7255, 0.6235
CMYK	0.00, 0.67, 0.54, 0.18
HSL	349°, 60%, 55%
HSV	349°, 67%, 82%
XYZ	30.5960, 18.7802, 13.0787
YIQ	114.5250, 74.4980, 37.5540

Conversions

Conversions Part 2

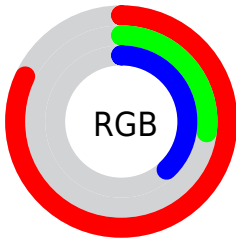
Format	Color
RYB	209, 70, 96
Decimal	13715040
CIELab	50.43, 56.34, 15.85
CIElCh	50, 58.528, 15.715
Yxy	18.7802, 0.4899, 0.3007
Android (android.graphics.Color)	4291905120 (0xFFD14660)
YUV	114.5250, -9.1328, 82.8546
Hunter-Lab	43.3361, 50.1856, 12.4418

Details

The XYZ color **30.5960, 18.7802, 13.0787** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **33.8749, 50.3224, 52.7320**, and the grayscale version is **16.1640, 17.0058, 18.5193**.

A 20% lighter version of the original color is **53.8892, 38.2570, 31.7382**, and **12.9701, 6.6199, 3.6118** is the 20% darker color. If you saturate the color by 10%, you get **28.8089, 16.3257, 9.0316**, and if you desaturate by 10%, it is **33.0079, 22.2140, 18.1685**.

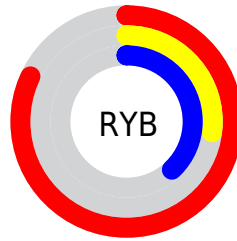
Distribution



Red (82%)

Green (27%)

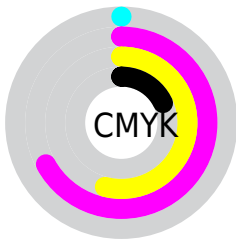
Blue (38%)



Red (82%)

Yellow (27%)

Blue (38%)

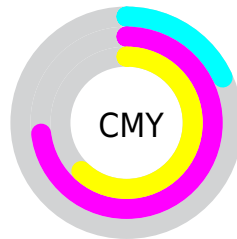


Cyan (0%)

Magenta (67%)

Yellow (54%)

Black (18%)



Cyan (18%)


Magenta (73%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5960, 18.7802, 13.0787 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 30.5960, 18.7802, 13.0787 by changing the saturation by 10% instead.

 30.5960, 18.7802,
13.0787

 30.5960, 18.7802,
13.0787


296.5330,
245.2326, 222.6469


 20.4417, 11.5116,
7.3514


 59.9836, 41.3624,
32.1384


 12.8267, 6.4120,
3.6011


 79.9477, 57.4447,
46.3078


 7.3855, 3.0972,
1.4091


 103.9124, 77.2337,
64.1284

 3.7528, 1.1827,
0.1488

 132.2431,
101.1137, 86.0186

 1.5632, 0.0475,
0.0000

 165.3052,
129.4693, 112.3970

 0.3683, 0.0000,
0.0000

203.4639,

 0.0000, 0.0000,

162.6847, 143.6822

0.0000

247.0847,
201.1443, 180.2926

■ 30.5960, 18.7802,
13.0787

■ 30.5960, 18.7802,
13.0787

■ 28.8089, 16.3257,
9.0316

■ 33.0079, 22.2140,
18.1685

■ 27.5846, 14.7437,
5.9519

■ 36.0957, 26.7128,
24.3670


■ 26.8479, 13.9036,
3.7538


■ 39.9067, 32.3566,
31.7358


■ 26.6620, 13.7023,
3.1663


■ 44.4834, 39.2167,
40.3315

■ 49.8652, 47.3589,
50.2069

 56.0886, 56.8439,
61.4119

 63.1878, 67.7287,
73.9935

 71.1951, 80.0671,
87.9966

 79.1416, 91.9101,
103.1307

Harmonies

Analogous

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



30.6974, 18.7802, 29.1998



30.5960, 18.7802, 13.0787



26.6354, 18.7802, 5.2155

Triad

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



30.5960, 18.7802, 13.0787



11.1048, 18.7802, 5.4412



15.2831, 18.7802, 68.3547

Complementary

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



30.5960, 18.7802, 13.0787



33.8749, 50.3224, 52.7320

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.



11.2462, 18.7802, 52.1004



30.5960, 18.7802, 13.0787



9.2050, 18.7802, 13.6477

Square

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



30.5960, 18.7802, 13.0787



15.0464, 18.7802, 2.6821



9.2505, 18.7802, 30.1686



20.9819, 18.7802, 67.9030

Rectangle

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



30.5960, 18.7802, 13.0787



22.7409, 18.7802, 3.1174



9.2505, 18.7802, 30.1686



13.7161, 18.7802, 64.3989

Sweetspot

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



30.5965, 18.7813, 13.0790



74.9114, 69.2772, 72.7324



32.8027, 18.8330, 62.2276



15.5218, 14.0531, 14.6272



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.



30.5965, 18.7813, 13.0790



44.2332, 24.3514, 11.8528



33.1620, 25.5212, 8.9741



11.8978, 11.8438, 12.7374



16.4660, 8.4592, 2.0941



0.9483, 0.4840, 0.2625

Inverse Universe

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



30.5965, 18.7813, 13.0790



44.2332, 24.3514, 11.8528



27.9092, 33.6543, 65.3463



11.8978, 11.8438, 12.7374



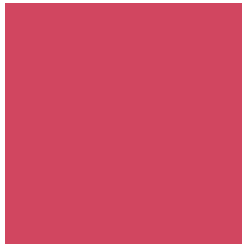
16.4660, 8.4592, 2.0941



0.9483, 0.4840, 0.2625

Previews

White Background



This preview shows how the XYZ color 30.5960, 18.7802, 13.0787 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 30.5960, 18.7802, 13.0787 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 30.5960, 18.7802, 13.0787

Background



This preview shows how black text looks on a background with the XYZ color 30.5960, 18.7802, 13.0787.



This preview shows how white text looks on a background with the XYZ color 30.5960, 18.7802,

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

30.5960, 18.7802, 13.0787

Protanopia

18.3360, 19.0244, 20.7948

Deuteranopia

19.2039, 18.9628, 12.0992



Tritanopia

29.7701, 18.7250, 9.2530

Trichromacy



Original Color

30.5960, 18.7802, 13.0787

Protanomaly

21.0024, 17.5426, 17.6083

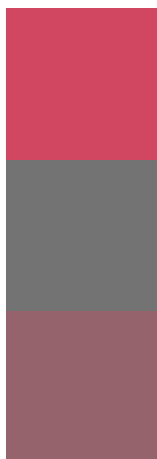
Deuteranomaly

22.1195, 17.8034, 12.3958

Tritanomaly

29.9695, 18.7005, 10.6243

Monochromacy



Original Color

30.5960, 18.7802, 13.0787

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

19.5630, 16.3960, 16.3210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5960, 18.7802, 13.0787 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(209, 70, 96)` looks like.

```
.text, #text, p{
  color:rgb(209, 70, 96)
}
```

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(209, 70, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 70, 96) }
```

Border

The CSS property to change the border of an element to XYZ 30.5960, 18.7802, 13.0787 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(209, 70, 96) }
```


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

```
.border{ border-color:rgb(209, 70, 96) }
```

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

Here you see how a box with a 4 pixel rgb(209, 70, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 70, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 70, 96);  
box-shadow:4px 4px 4px 4px rgb(209, 70,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5960, 18.7802, 13.0787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 70, 96) }
```

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

```
.background{ background-color: rgb(209, 70,  
96) }
```

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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