

Converting Colors

XYZ(29.6177, 18.1062, 11.8340)

Have a look what the booklet for
XYZ(29.6177, 18.1062, 11.8340)
contains.

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Color

**XYZ(29.6876, 18.1550,
11.8371)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CF445B |
| RGB | 207, 68, 91 |
| RGB Percent | 81%, 27%, 36% |
| CMY | 0.1882, 0.7333, 0.6431 |
| CMYK | 0.00, 0.67, 0.56, 0.19 |
| HSL | 350°, 59%, 54% |
| HSV | 350°, 67%, 81% |
| XYZ | 29.6876, 18.1550, 11.8371 |
| YIQ | 112.1830, 75.4610, 36.6210 |

Conversions

Conversions Part 2

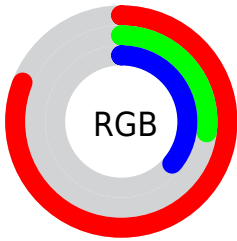
| Format | Color |
|-------------------------------------|---|
| RYB | 207, 68, 91 |
| Decimal | 13583451 |
| CIELab | 49.68, 56.13, 17.79 |
| CIElCh | 50, 58.881, 17.590 |
| Yxy | 18.1550, 0.4974, 0.3042 |
| Android (android.graphics.Color) | 4291773531 (0xFFCF445B) |
| YUV | 112.1830, -10.4432, 83.1545 |
| Hunter-Lab | 42.6087, 49.8047, 13.3548 |

Details

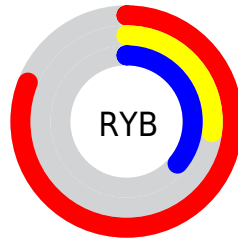
The XYZ color **29.6876, 18.1550, 11.8371** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **33.3498, 49.3158, 53.1130**, and the grayscale version is **15.4700, 16.2756, 17.7242**.

A 20% lighter version of the original color is **53.2554, 37.5984, 29.6497**, and **12.5258, 6.4003, 3.1600** is the 20% darker color. If you saturate the color by 10%, you get **27.9877, 15.8139, 8.0073**, and if you desaturate by 10%, it is **32.0017, 21.4504, 16.7183**.

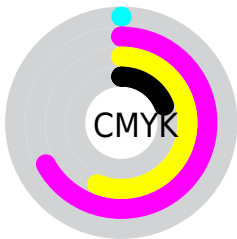
Distribution



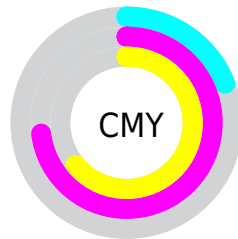
- Red (81%)
- Green (27%)
- Blue (36%)



- Red (81%)
- Yellow (27%)
- Blue (36%)



- Cyan (0%)
- Magenta (67%)
- Yellow (56%)
- Black (19%)





- Cyan (19%)
- Magenta (73%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6876, 18.1550, 11.8371 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 29.6876, 18.1550, 11.8371 by changing the saturation by 10% instead.


 29.6876, 18.1550,
11.8371


 29.6876, 18.1550,
11.8371


292.3816,
241.7433, 214.2633


 19.7485, 11.0613,
6.5117


 58.5578, 40.3013,
29.8580


 12.3195, 6.1081,
3.0848


 78.2196, 56.1226,
43.3906


 7.0354, 2.9109,
1.1381


 101.8530, 75.6220,
60.4959

 3.5308, 1.0854,
0.0000

 129.8234, 99.1839,
81.5926

 1.4403, 0.0000,
0.0000

 162.4961,
127.1925, 107.0991

 0.2847, 0.0000,
0.0000

200.2364,

 0.0000, 0.0000,

160.0324, 137.4341

0.0000

243.4098,
198.0878, 173.0160

■ 29.6876, 18.1550,
11.8371

■ 29.6876, 18.1550,
11.8371

■ 27.9877, 15.8139,
8.0073

■ 32.0017, 21.4504,
16.7183

■ 26.8399, 14.3213,
5.1489

■ 34.9815, 25.7849,
22.7208

■ 26.1652, 13.5413,
3.1692

■ 38.6741, 31.2376,
29.9095

■ 26.0243, 13.3822,
2.7431

■ 43.1222, 37.8788,
38.3439

■ 48.3650, 45.7733,
48.0797

■ 54.4390, 54.9810,
59.1689

■ 61.3783, 65.5580,
71.6609

■ 69.2154, 77.5572,
85.6024

■ 77.9807, 91.0286,
101.0382

Harmonies

Analogous

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



30.0507, 18.1550, 27.1620



29.6876, 18.1550, 11.8371



25.5829, 18.1550, 4.6232

Triad

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



29.6876, 18.1550, 11.8371



10.4648, 18.1550, 5.4123



15.0439, 18.1550, 67.7599

Complementary

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



29.6876, 18.1550, 11.8371



33.3498, 49.3158, 53.1130

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.



10.9656, 18.1550, 52.3909



29.6876, 18.1550, 11.8371



8.7322, 18.1550, 13.8542

Square

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



29.6876, 18.1550, 11.8371



14.2024, 18.1550, 2.5365



8.8931, 18.1550, 30.6265



20.7181, 18.1550, 66.1334

Rectangle

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



29.6876, 18.1550, 11.8371



21.6942, 18.1550, 2.7688



8.8931, 18.1550, 30.6265



13.4682, 18.1550, 64.1693

Sweetspot

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



29.6880, 18.1560, 11.8374



74.7717, 69.2213, 71.9965



33.0577, 18.8102, 60.9197



15.4889, 14.0400, 14.4541



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.



29.6880, 18.1560, 11.8374



43.8620, 24.0295, 10.4327



32.8313, 25.7941, 8.7186



11.8874, 11.8397, 12.6828



16.4201, 8.4409, 1.8524



0.9435, 0.4821, 0.2371

Inverse Universe

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



29.6880, 18.1560, 11.8374



43.8620, 24.0295, 10.4327



26.3341, 31.1086, 63.6479



11.8874, 11.8397, 12.6828



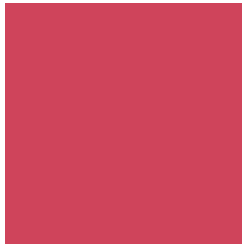
16.4201, 8.4409, 1.8524



0.9435, 0.4821, 0.2371

Previews

White Background



This preview shows how the XYZ color 29.6876, 18.1550, 11.8371 looks on a white 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

Black Background



This preview shows how the XYZ color 29.6876, 18.1550, 11.8371 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 29.6876, 18.1550, 11.8371

Background



This preview shows how black text looks on a background with the XYZ color 29.6876, 18.1550, 11.8371.

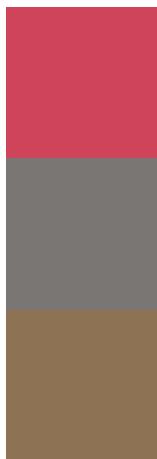


This preview shows how white text looks on a background with the XYZ color 29.6876, 18.1550,

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

29.6876, 18.1550, 11.8371

Protanopia

17.5990, 18.3322, 18.8306

Deuteranopia

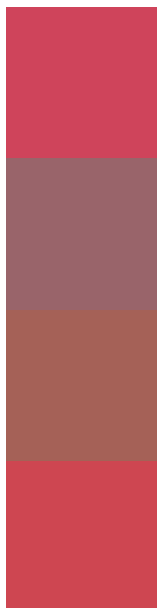
18.6021, 18.3374, 10.9466



Tritanopia

28.9768, 18.1363, 8.6300

Trichromacy



Original Color

29.6876, 18.1550, 11.8371

Protanomaly

20.2956, 16.9273, 15.8333

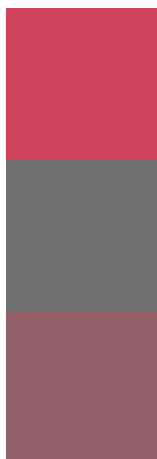
Deuteranomaly

21.5120, 17.2368, 11.2101

Tritanomaly

29.1290, 18.0962, 9.7422

Monochromacy



Original Color

29.6876, 18.1550, 11.8371

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

18.7142, 15.5683, 15.1153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6876, 18.1550, 11.8371 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(207, 68, 91)` looks like.

```
.text, #text, p{  
    color:rgb(207, 68, 91)  
}
```

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(207, 68, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 68, 91) }
```

Border

The CSS property to change the border of an element to XYZ 29.6876, 18.1550, 11.8371 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(207, 68, 91) }
```


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

```
.border{ border-color:rgb(207, 68, 91) }
```

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

Here you see how a box with a 4 pixel rgb(207, 68, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 68, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 68, 91);  
box-shadow:4px 4px 4px 4px rgb(207, 68,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6876, 18.1550, 11.8371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 68, 91) }
```

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

```
.background{ background-color: rgb(207, 68,  
91) }
```

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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