

Converting Colors

XYZ(28.2142, 19.4875, 14.9259)

Have a look what the booklet for
XYZ(28.2142, 19.4875, 14.9259)
contains.

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Color

**XYZ(28.1361, 19.4081,
14.8336)**

Conversions

Conversions Part 1

Format	Color
Hex	C25866
RGB	194, 88, 102
RGB Percent	76%, 35%, 40%
CMY	0.2392, 0.6549, 0.6000
CMYK	0.00, 0.55, 0.47, 0.24
HSL	352°, 46%, 55%
HSV	352°, 55%, 76%
XYZ	28.1361, 19.4081, 14.8336
YIQ	121.2900, 58.6820, 26.8260

Conversions

Conversions Part 2

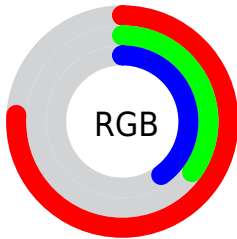
Format	Color
RYB	194, 88, 102
Decimal	12736614
CIELab	51.16, 43.74, 12.89
CIELCh	51, 45.601, 16.413
Yxy	19.4081, 0.4511, 0.3111
Android (android.graphics.Color)	4290926694 (0xFFC25866)
YUV	121.2900, -9.5100, 63.7667
Hunter-Lab	44.0546, 36.9059, 10.8747

Details

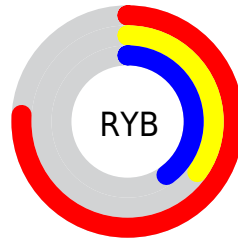
The XYZ color **28.1361, 19.4081, 14.8336** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **31.5556, 43.9539, 50.0037**, and the grayscale version is **18.2850, 19.2372, 20.9493**.

A 20% lighter version of the original color is **56.1477, 42.4205, 35.3657**, and **11.4440, 6.7121, 4.3068** is the 20% darker color. If you saturate the color by 10%, you get **25.9982, 16.3357, 10.4110**, and if you desaturate by 10%, it is **30.8683, 23.3977, 20.2915**.

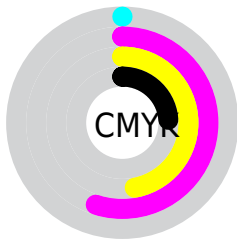
Distribution



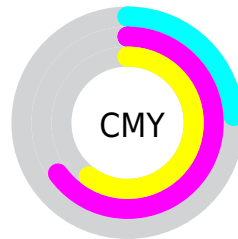
- Red (76%)
- Green (35%)
- Blue (40%)



- Red (76%)
- Yellow (35%)
- Blue (40%)



- Cyan (0%)
- Magenta (55%)
- Yellow (47%)
- Black (24%)





- Cyan (24%)
- Magenta (65%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.1361, 19.4081, 14.8336 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 28.1361, 19.4081, 14.8336 by changing the saturation by 10% instead.


 28.1361, 19.4081,
14.8336


 28.1361, 19.4081,
14.8336


285.1850,
248.6925, 233.9628


 18.5693, 11.9655,
8.5574


 56.1088, 42.4226,
35.2992


 11.4616, 6.7202,
4.3608


 75.2453, 58.7632,
50.3256

 6.4478, 3.2877,
1.8253


 98.3025, 78.8388,
69.1058

 3.1625, 1.2837,
0.4445

 125.6456,
103.0335, 92.0583

 1.2402, 0.1286,
0.0000

157.6401,
131.7318, 119.6018

 0.1378, 0.0000,
0.0000

194.6512,

 0.0000, 0.0000,

165.3182, 152.1546

0.0000

237.0444,
204.1770, 190.1355

■ 28.1361, 19.4081,
14.8336

■ 28.1361, 19.4081,
14.8336

■ 25.9982, 16.3357,
10.4110

■ 30.8683, 23.3977,
20.2915

■ 24.4083, 14.1045,
6.9568

■ 34.2335, 28.3665,
26.8437

■ 23.3157, 12.6314,
4.3976

■ 38.2687, 34.3747,
34.5461

■ 22.6591, 11.8145,
2.6489

■ 43.0076, 41.4768,
43.4502

■ 22.4302, 11.5421,
2.0004

■ 48.4819, 49.7233,
53.6047

■ 54.7209, 59.1617,
65.0554

■ 61.7528, 69.8370,
77.8457

■ 69.6040, 81.7914,
92.0172

■ 75.8251, 90.1161,
106.7847

Harmonies

Analogous

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



28.2838, 19.4081, 27.5564



28.1361, 19.4081, 14.8336



25.1334, 19.4081, 7.7164

Triad

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



28.1361, 19.4081, 14.8336



12.8256, 19.4081, 8.1698



16.4738, 19.4081, 55.8736

Complementary

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



28.1361, 19.4081, 14.8336



31.5556, 43.9539, 50.0037

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.



13.0657, 19.4081, 44.8643



28.1361, 19.4081, 14.8336



11.2046, 19.4081, 15.7930

Square

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



28.1361, 19.4081, 14.8336



16.0916, 19.4081, 5.0912



11.2846, 19.4081, 29.0006



21.0213, 19.4081, 55.2664

Rectangle

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



28.1361, 19.4081, 14.8336



22.1594, 19.4081, 5.5162



11.2846, 19.4081, 29.0006



15.1739, 19.4081, 53.2631

Sweetspot

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



28.1366, 19.4091, 14.8339



76.4414, 72.9257, 75.9597



32.0193, 20.5629, 53.3201



16.3309, 15.3563, 15.8684



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.



28.1366, 19.4091, 14.8339



46.3203, 28.4876, 17.1977



31.5824, 27.3193, 12.8425



10.1261, 10.0991, 10.7548



14.7648, 7.5957, 1.4077



0.6560, 0.3354, 0.1558

Inverse Universe

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



28.1366, 19.4091, 14.8339



46.3203, 28.4876, 17.1977



25.5066, 29.4579, 55.3803



10.1261, 10.0991, 10.7548



14.7648, 7.5957, 1.4077



0.6560, 0.3354, 0.1558

Previews

White Background



This preview shows how the XYZ color 28.1361, 19.4081, 14.8336 looks on a white background.

Color Contrast Check

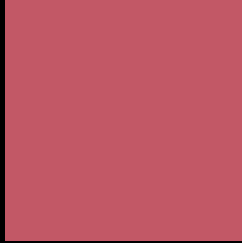
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1361, 19.4081, 14.8336 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 28.1361, 19.4081, 14.8336

Background



This preview shows how black text looks on a background with the XYZ color 28.1361, 19.4081, 14.8336.



This preview shows how white text looks on a background with the XYZ color 28.1361, 19.4081,

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

28.1361, 19.4081, 14.8336

Protanopia

18.7468, 19.6110, 20.2500

Deuteranopia

19.9638, 19.6596, 14.0517



Tritanopia

27.8861, 19.4403, 13.1091

Trichromacy



Original Color

28.1361, 19.4081, 14.8336

Protanomaly

21.1342, 18.8281, 18.1431

Deuteranomaly

22.4101, 19.0976, 14.3094

Tritanomaly

28.0251, 19.4959, 13.8413

Monochromacy



Original Color

28.1361, 19.4081, 14.8336

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.7186, 18.4481, 18.3884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1361, 19.4081, 14.8336 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(194, 88, 102)` looks like.

```
.text, #text, p{  
    color:rgb(194, 88, 102)  
}
```

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(194, 88, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 88, 102) }
```

Border

The CSS property to change the border of an element to XYZ 28.1361, 19.4081, 14.8336 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(194, 88, 102) }
```


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

```
.border{ border-color:rgb(194, 88, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 88, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 88, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 88, 102);  
box-shadow:4px 4px 4px 4px rgb(194, 88,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1361, 19.4081, 14.8336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 88, 102) }
```

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

```
.background{ background-color: rgb(194, 88,  
102) }
```

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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