

Converting Colors

XYZ(28.8569, 19.7011, 14.2144)

Have a look what the booklet for
XYZ(28.8569, 19.7011, 14.2144)
contains.

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Color

**XYZ(28.7344, 19.6068,
14.3266)**

Conversions

Conversions Part 1

Format	Color
Hex	C55764
RGB	197, 87, 100
RGB Percent	77%, 34%, 39%
CMY	0.2275, 0.6588, 0.6078
CMYK	0.00, 0.56, 0.49, 0.23
HSL	353°, 49%, 56%
HSV	353°, 56%, 77%
XYZ	28.7344, 19.6068, 14.3266
YIQ	121.3720, 61.3870, 27.3630

Conversions

Conversions Part 2

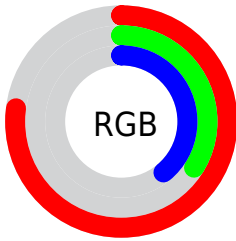
Format	Color
R_{YB}	197, 87, 100
Decimal	12932964
CIE _{Lab}	51.39, 45.10, 14.46
CIE _{LCh}	51, 47.366, 17.781
Yxy	19.6068, 0.4585, 0.3129
Android (android.graphics.Color)	4291123044 (0xFFC55764)
YUV	121.3720, -10.5364, 66.3258
Hunter-Lab	44.2796, 38.3450, 11.8125

Details

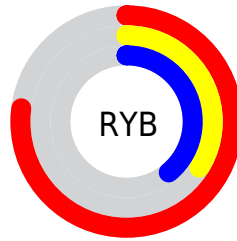
The XYZ color **28.7344, 19.6068, 14.3266** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **32.5496, 45.4199, 52.4019**, and the grayscale version is **18.3142, 19.2679, 20.9828**.

A 20% lighter version of the original color is **56.2040, 42.2505, 34.4710**, and **11.8572, 6.8430, 4.1859** is the 20% darker color. If you saturate the color by 10%, you get **26.5983, 16.5399, 9.8991**, and if you desaturate by 10%, it is **31.4859, 23.6177, 19.8441**.

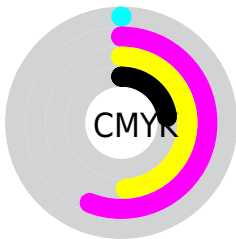
Distribution



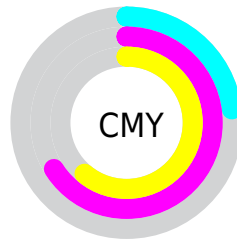
- Red (77%)
- Green (34%)
- Blue (39%)



- Red (77%)
- Yellow (34%)
- Blue (39%)



- Cyan (0%)
- Magenta (56%)
- Yellow (49%)
- Black (23%)





- Cyan (23%)
- Magenta (66%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7344, 19.6068, 14.3266 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 28.7344, 19.6068, 14.3266 by changing the saturation by 10% instead.


 28.7344, 19.6068,
14.3266


 28.7344, 19.6068,
14.3266


287.9766,
249.7785, 230.7519


 19.0233, 12.1096,
8.2068


 57.0553, 42.7570,
34.3928

 11.7912, 6.8183,
4.1379


 76.3958, 59.1787,
49.1764

 6.6728, 3.3487,
1.7013


 99.6768, 79.3440,
67.6850

 3.3029, 1.3164,
0.3616

 127.2636,
103.6373, 90.3371

 1.3159, 0.1538,
0.0000

159.5217,
132.4430, 117.5513

 0.1951, 0.0000,
0.0000

196.8163,

 0.0000, 0.0000,

166.1455, 149.7462

0.0000

239.5128,
205.1292, 187.3402

■ 28.7344, 19.6068,
14.3266

■ 28.7344, 19.6068,
14.3266

■ 26.5983, 16.5399,
9.8991

■ 31.4859, 23.6177,
19.8441

■ 25.0284, 14.3368,
6.4880

■ 34.8941, 28.6383,
26.5167

■ 23.9700, 12.9088,
4.0119

■ 38.9984, 34.7318,
34.4053

■ 23.3559, 12.1448,
2.3759

■ 43.8346, 41.9555,
43.5664

■ 23.1833, 11.9332,
1.9065

■ 49.4361, 50.3625,
54.0529

■ 55.8341, 60.0028,
65.9147

■ 63.0583, 70.9231,
79.1992

■ 71.1367, 83.1681,
93.9514

■ 76.8359, 90.6103,
108.0476

Harmonies

Analogous

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



29.0411, 19.6068, 27.3647



28.7344, 19.6068, 14.3266



25.4574, 19.6068, 7.2627

Triad

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



28.7344, 19.6068, 14.3266



12.6666, 19.6068, 8.1714



16.7721, 19.6068, 58.3833

Complementary

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



28.7344, 19.6068, 14.3266



32.5496, 45.4199, 52.4019

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.



13.1565, 19.6068, 47.1097



28.7344, 19.6068, 14.3266



11.0702, 19.6068, 16.2857

Square

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



28.7344, 19.6068, 14.3266



15.9880, 19.6068, 4.8890



11.2329, 19.6068, 30.3556



21.5607, 19.6068, 57.1101

Rectangle

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



28.7344, 19.6068, 14.3266



22.3000, 19.6068, 5.1524



11.2329, 19.6068, 30.3556



15.3965, 19.6068, 55.7881

Sweetspot

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



28.7349, 19.6078, 14.3269



77.1907, 73.1700, 75.5445



32.8571, 20.8345, 55.1129



16.1289, 15.0734, 15.4273



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.



28.7349, 19.6078, 14.3269



46.9376, 28.6302, 16.2380



32.3795, 27.8246, 12.6823



10.6840, 10.6570, 11.3192



15.2652, 7.8556, 1.3404



0.7402, 0.3789, 0.1552

Inverse Universe

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



28.7349, 19.6078, 14.3269



46.9376, 28.6302, 16.2380



26.0101, 30.0598, 57.2544



10.6840, 10.6570, 11.3192



15.2652, 7.8556, 1.3404



0.7402, 0.3789, 0.1552

Previews

White Background



This preview shows how the XYZ color 28.7344, 19.6068, 14.3266 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 28.7344, 19.6068, 14.3266 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 28.7344, 19.6068, 14.3266

Background



This preview shows how black text looks on a background with the XYZ color 28.7344, 19.6068, 14.3266.



This preview shows how white text looks on a background with the XYZ color 28.7344, 19.6068,

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

28.7344, 19.6068, 14.3266

Protanopia

18.8337, 19.6627, 19.9422

Deuteranopia

20.0456, 19.7124, 13.5748



Tritanopia

28.5361, 19.6579, 12.8800

Trichromacy



Original Color

28.7344, 19.6068, 14.3266

Protanomaly

21.2868, 18.7604, 17.5381

Deuteranomaly

22.5196, 19.1650, 13.8216

Tritanomaly

28.6270, 19.6943, 13.3589

Monochromacy



Original Color

28.7344, 19.6068, 14.3266

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.8437, 18.5191, 18.0987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7344, 19.6068, 14.3266 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(197, 87, 100)` looks like.

```
.text, #text, p{  
    color:rgb(197, 87, 100)  
}
```

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(197, 87, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 87, 100) }
```

Border

The CSS property to change the border of an element to XYZ 28.7344, 19.6068, 14.3266 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(197, 87, 100) }
```


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

```
.border{ border-color:rgb(197, 87, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 87, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 87, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 87, 100);  
box-shadow:4px 4px 4px 4px rgb(197, 87,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7344, 19.6068, 14.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 87, 100) }
```

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

```
.background{ background-color: rgb(197, 87,  
100) }
```

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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