

Converting Colors

XYZ(29.5437, 20.5407, 19.2373)

Have a look what the booklet for
XYZ(29.5437, 20.5407, 19.2373)
contains.

XYZ(29.5437, 20.5407, 19.2373)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.5437, 20.5407,
19.2373)**

Conversions

Conversions Part 1

Format	Color
Hex	C35C75
RGB	195, 92, 117
RGB Percent	76%, 36%, 46%
CMY	0.2353, 0.6392, 0.5412
CMYK	0.00, 0.53, 0.40, 0.24
HSL	345°, 46%, 56%
HSV	345°, 53%, 76%
XYZ	29.5437, 20.5407, 19.2373
YIQ	125.6470, 53.3630, 29.6110

Conversions

Conversions Part 2

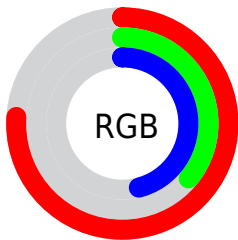
Format	Color
R_{YB}	195, 92, 117
Decimal	12803189
CIE _{Lab}	52.44, 43.68, 5.78
CIE _{LCh}	52, 44.065, 7.537
Yxy	20.5407, 0.4262, 0.2963
Android (android.graphics.Color)	4290993269 (0xFFC35C75)
YUV	125.6470, -4.2630, 60.8226
Hunter-Lab	45.3218, 37.0446, 6.5591

Details

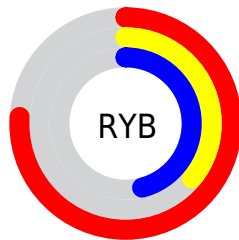
The XYZ color **29.5437, 20.5407, 19.2373** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **31.1855, 44.2083, 44.9220**, and the grayscale version is **19.7134, 20.7400, 22.5858**.

A 20% lighter version of the original color is **58.1599, 44.1862, 42.9995**, and **12.2809, 7.2840, 6.3889** is the 20% darker color. If you saturate the color by 10%, you get **27.2657, 17.2664, 14.5268**, and if you desaturate by 10%, it is **32.3945, 24.7413, 24.8150**.

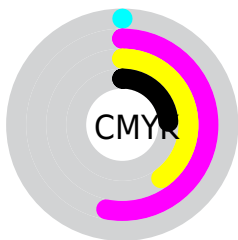
Distribution



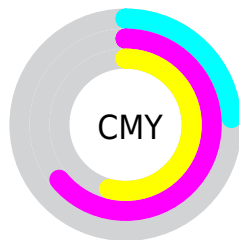
- Red (76%)
- Green (36%)
- Blue (46%)



- Red (76%)
- Yellow (36%)
- Blue (46%)



- Cyan (0%)
- Magenta (53%)
- Yellow (40%)
- Black (24%)



- Cyan (24%)
- Magenta (64%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5437, 20.5407, 19.2373 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 29.5437, 20.5407, 19.2373 by changing the saturation by 10% instead.

■ 29.5437, 20.5407,
19.2373

■ 29.5437, 20.5407,
19.2373

291.7199,
254.8274, 260.2219

■ 19.6389, 12.7887,
11.6633

■ 58.3314, 44.3219,
42.9767

■ 12.2395, 7.2832,
6.3951

■ 77.9450, 61.1198,
59.9793

■ 6.9804, 3.6398,
3.0141

■ 101.5255, 81.7019,
80.9617

■ 3.4961, 1.4742,
1.1019

■ 129.4383,
106.4524, 106.3426

■ 1.4212, 0.2705,
0.0000

162.0488,
135.7558, 136.5406

■ 0.2712, 0.0000,
0.0000

199.7223,

■ 0.0000, 0.0000,

169.9965, 171.9741

0.0000

242.8242,
209.5589, 213.0617

■ 29.5437, 20.5407,
19.2373

■ 29.5437, 20.5407,
19.2373

■ 27.2657, 17.2664,
14.5268

■ 32.3945, 24.7413,
24.8150

■ 25.5184, 14.8446,
10.6372

■ 35.8529, 29.9283,
31.3004

■ 24.2563, 13.1951,
7.5194

■ 39.9528, 36.1605,
38.7328

■ 23.4247, 12.2211,
5.1180

■ 44.7250, 43.4911,
47.1487

■ 23.0253, 11.8100,
3.7896

■ 50.1985, 51.9698,
56.5829

■ 56.4004, 61.6430,
67.0680

■ 63.3563, 72.5547,
78.6357

■ 71.0908, 84.7468,
91.3158

■ 75.5068, 90.0186,
103.7640

Harmonies

Analogous

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



28.7752, 20.5407, 33.3691



29.5437, 20.5407, 19.2373



27.3145, 20.5407, 10.3098

Triad

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



29.5437, 20.5407, 19.2373



14.6635, 20.5407, 7.8002



16.3678, 20.5407, 54.4280

Complementary

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



29.5437, 20.5407, 19.2373



31.1855, 44.2083, 44.9220

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.



13.3754, 20.5407, 41.3669



29.5437, 20.5407, 19.2373



12.5033, 20.5407, 14.0932

Square

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



29.5437, 20.5407, 19.2373



18.3981, 20.5407, 5.5874



12.0714, 20.5407, 25.8153



20.6935, 20.5407, 57.5329

Rectangle

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



29.5437, 20.5407, 19.2373



24.6056, 20.5407, 7.1866



12.0714, 20.5407, 25.8153



15.1940, 20.5407, 50.8647

Sweetspot

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



29.5442, 20.5418, 19.2377



77.0322, 73.1620, 79.0709



30.0941, 20.0583, 53.9152



16.4733, 15.4133, 16.6183



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.



29.5442, 20.5418, 19.2377



48.4233, 30.3459, 25.1363



30.8872, 25.2740, 13.3770



10.1712, 10.1171, 10.9920



14.9935, 7.6872, 2.6119



0.6761, 0.3434, 0.2617

Inverse Universe

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



29.5442, 20.5418, 19.2377



48.4233, 30.3459, 25.1363



28.4993, 34.6853, 56.8226



10.1712, 10.1171, 10.9920



14.9935, 7.6872, 2.6119



0.6761, 0.3434, 0.2617

Previews

White Background



This preview shows how the XYZ color 29.5437, 20.5407, 19.2373 looks on a white background.

Color Contrast Check

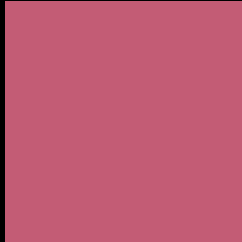
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5437, 20.5407, 19.2373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

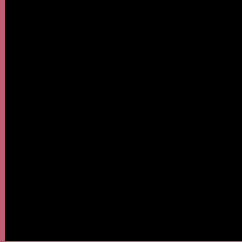
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.5437, 20.5407, 19.2373

Background



This preview shows how black text looks on a background with the XYZ color 29.5437, 20.5407, 19.2373.



This preview shows how white text looks on a background with the XYZ color 29.5437, 20.5407,

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

29.5437, 20.5407, 19.2373

Protanopia

20.2350, 20.8048, 26.2418

Deuteranopia

21.0897, 20.6842, 18.2101



Tritanopia

28.6893, 20.5933, 14.7747

Trichromacy



Original Color

29.5437, 20.5407, 19.2373

Protanomaly

22.4453, 19.8793, 23.4230

Deuteranomaly

23.5135, 20.0481, 18.5500

Tritanomaly

28.9047, 20.5363, 16.3504

Monochromacy



Original Color

29.5437, 20.5407, 19.2373

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

22.3550, 20.0440, 21.4295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5437, 20.5407, 19.2373 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(195, 92, 117)` looks like.

```
.text, #text, p{  
  color:rgb(195, 92, 117)  
}
```

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(195, 92, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 92, 117) }
```

Border

The CSS property to change the border of an element to XYZ 29.5437, 20.5407, 19.2373 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(195, 92, 117) }
```


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

```
.border{ border-color:rgb(195, 92, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 92, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 92, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 92, 117);  
box-shadow:4px 4px 4px 4px rgb(195, 92,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5437, 20.5407, 19.2373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 92, 117) }
```

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

```
.background{ background-color: rgb(195, 92,  
117) }
```

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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