

Converting Colors

XYZ(29.4733, 20.1295, 23.2976)

Have a look what the booklet for
XYZ(29.4733, 20.1295, 23.2976)
contains.

XYZ(29.4237, 20.1305, 23.4539)	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(29.4237, 20.1305,
23.4539)**

Conversions

Conversions Part 1

Format	Color
Hex	C05A82
RGB	192, 90, 130
RGB Percent	75%, 35%, 51%
CMY	0.2471, 0.6470, 0.4902
CMYK	0.00, 0.53, 0.32, 0.25
HSL	336°, 45%, 55%
HSV	336°, 53%, 75%
XYZ	29.4237, 20.1305, 23.4539
YIQ	125.0580, 47.9520, 34.0640

Conversions

Conversions Part 2

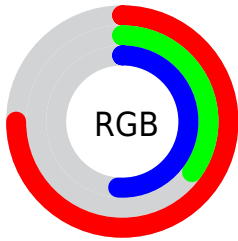
Format	Color
R_{YB}	192, 90, 130
Decimal	12606082
CIE _{Lab}	51.98, 45.20, -2.68
CIE _{LCh}	52, 45.281, 356.613
Yxy	20.1305, 0.4030, 0.2757
Android (android.graphics.Color)	4290796162 (0xFFC05A82)
YUV	125.0580, 2.4364, 58.7081
Hunter-Lab	44.8670, 38.5426, 0.4135

Details

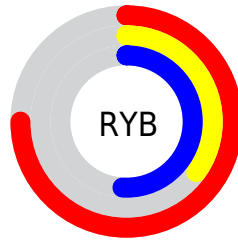
The XYZ color **29.4237, 20.1305, 23.4539** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **28.7346, 42.1405, 36.3275**, and the grayscale version is **19.4939, 20.5091, 22.3344**.

A 20% lighter version of the original color is **58.1534, 43.5730, 50.1452**, and **12.1384, 7.0681, 8.5091** is the 20% darker color. If you saturate the color by 10%, you get **27.2688, 17.0042, 19.0873**, and if you desaturate by 10%, it is **32.0868, 24.1309, 28.4288**.

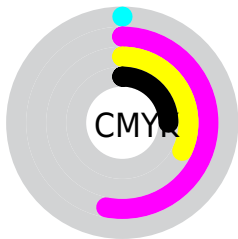
Distribution



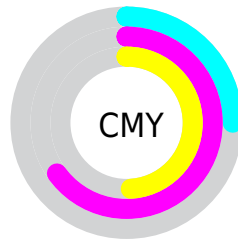
- Red (75%)
- Green (35%)
- Blue (51%)



- Red (75%)
- Yellow (35%)
- Blue (51%)



- Cyan (0%)
- Magenta (53%)
- Yellow (32%)
- Black (25%)



- Cyan (25%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4237, 20.1305, 23.4539 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 29.4237, 20.1305, 23.4539 by changing the saturation by 10% instead.

■ 29.4237, 20.1305,
23.4539

■ 29.4237, 20.1305,
23.4539

291.1671,
252.6207, 283.2449

■ 19.5475, 12.4899,
14.7206

■ 58.1425, 43.6359,
50.0702

■ 12.1729, 7.0783,
8.4791

■ 77.7158, 60.2695,
68.7902

■ 6.9346, 3.5111,
4.3109

■ 101.2521, 80.6695,
91.6762

■ 3.4672, 1.4040,
1.7974

■ 129.1169,
105.2205, 119.1467

■ 1.4054, 0.2197,
0.4262

161.6754,
134.3067, 151.6203

■ 0.2600, 0.0000,
0.0000

199.2930,

■ 0.0000, 0.0000,

168.3125, 189.5155

0.0000

242.3352,
207.6224, 233.2509

■ 29.4237, 20.1305,
23.4539

■ 29.4237, 20.1305,
23.4539

■ 27.2688, 17.0042,
19.0873

■ 32.0868, 24.1309,
28.4288

■ 25.5847, 14.6818,
15.3013

■ 35.2887, 29.0622,
34.0354

■ 24.3308, 13.0875,
12.0672

■ 39.0593, 34.9800,
40.2972

■ 23.4584, 12.1291,
9.3525

■ 43.4259, 41.9346,
47.2361

■ 23.0182, 11.7185,
7.7573

■ 48.4140, 49.9730,
54.8727

■ 54.0475, 59.1391,
63.2269

■ 60.3489, 69.4745,
72.3175

■ 67.3398, 81.0187,
82.1628

■ 72.4996, 88.7270,
91.9333

Harmonies

Analogous

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



27.5361, 20.1305, 39.0794



29.4237, 20.1305, 23.4539



28.2094, 20.1305, 12.3950

Triad

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



29.4237, 20.1305, 23.4539



15.4288, 20.1305, 6.1487



14.6558, 20.1305, 50.7060

Complementary

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



29.4237, 20.1305, 23.4539



28.7346, 42.1405, 36.3275

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.



12.2485, 20.1305, 35.3808



29.4237, 20.1305, 23.4539



12.6419, 20.1305, 10.7011

Square

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



29.4237, 20.1305, 23.4539



19.6622, 20.1305, 5.0827



11.5748, 20.1305, 20.4520



18.6142, 20.1305, 58.3125

Rectangle

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



29.4237, 20.1305, 23.4539



25.8958, 20.1305, 8.1558



11.5748, 20.1305, 20.4520



13.6645, 20.1305, 46.0470

Sweetspot

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



29.4243, 20.1315, 23.4543



76.0863, 71.8260, 81.5140



25.9712, 17.7178, 51.9204



15.9670, 14.8414, 16.9235



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.4243, 20.1315, 23.4543



48.7650, 29.9011, 33.1997



28.1609, 21.0985, 12.2623



10.2331, 10.1418, 11.3180



15.5246, 7.8996, 5.4085



0.7047, 0.3549, 0.4121

Inverse Universe

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



29.4243, 20.1315, 23.4543



48.7650, 29.9011, 33.1997



30.4187, 39.3541, 55.8622



10.2331, 10.1418, 11.3180



15.5246, 7.8996, 5.4085



0.7047, 0.3549, 0.4121

Previews

White Background



This preview shows how the XYZ color 29.4237, 20.1305, 23.4539 looks on a white background.

Color Contrast Check

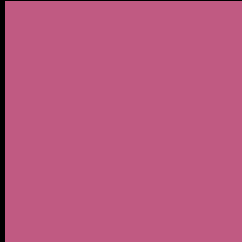
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4237, 20.1305, 23.4539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

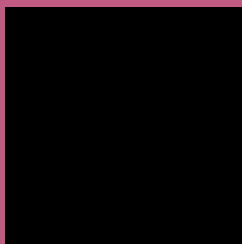
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.4237, 20.1305, 23.4539

Background



This preview shows how black text looks on a background with the XYZ color 29.4237, 20.1305, 23.4539.



This preview shows how white text looks on a background with the XYZ color 29.4237, 20.1305,

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

29.4237, 20.1305, 23.4539

Protanopia

20.1401, 20.2518, 32.1257

Deuteranopia

20.6924, 20.3897, 22.2470



Tritanopia

27.7257, 20.0909, 14.9870

Trichromacy



Original Color

29.4237, 20.1305, 23.4539

Protanomaly

22.3194, 19.3718, 28.5494

Deuteranomaly

23.1170, 19.7521, 22.6728

Tritanomaly

28.3248, 20.0749, 17.7112

Monochromacy



Original Color

29.4237, 20.1305, 23.4539

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

22.0194, 19.5102, 22.6840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4237, 20.1305, 23.4539 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(192, 90, 130)` looks like.

```
.text, #text, p{  
    color:rgb(192, 90, 130)  
}
```

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(192, 90, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 90, 130) }
```

Border

The CSS property to change the border of an element to XYZ 29.4237, 20.1305, 23.4539 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(192, 90, 130) }
```


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

```
.border{ border-color:rgb(192, 90, 130) }
```

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

Here you see how a box with a 4 pixel rgb(192, 90, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 90, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 90, 130);  
box-shadow:4px 4px 4px 4px rgb(192, 90,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4237, 20.1305, 23.4539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 90, 130) }
```

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

```
.background{ background-color: rgb(192, 90,  
130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor