

Converting Colors

XYZ(26.5788, 15.2744, 13.8883)

Have a look what the booklet for
XYZ(26.5788, 15.2744, 13.8883)
contains.

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Color

**XYZ(26.6029, 15.2659,
13.8564)**

Conversions

Conversions Part 1

Format	Color
Hex	C53465
RGB	197, 52, 101
RGB Percent	77%, 20%, 40%
CMY	0.2275, 0.7960, 0.6039
CMYK	0.00, 0.74, 0.49, 0.23
HSL	340°, 58%, 49%
HSV	340°, 74%, 77%
XYZ	26.6029, 15.2659, 13.8564
YIQ	100.9410, 70.6910, 45.9790

Conversions

Conversions Part 2

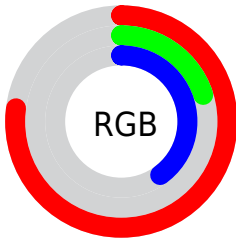
Format	Color
R_{YB}	197, 52, 101
Decimal	12924005
CIE Lab	46.00, 59.84, 6.29
CIE LCh	46, 60.169, 6.002
Yxy	15.2659, 0.4774, 0.2739
Android (android.graphics.Color)	4291114085 (0xFFC53465)
YUV	100.9410, 0.0291, 84.2437
Hunter-Lab	39.0716, 53.1610, 6.3234

Details

The XYZ color **26.6029, 15.2659, 13.8564** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **26.7289, 42.8011, 34.8736**, and the grayscale version is **12.3427, 12.9854, 14.1411**.

A 20% lighter version of the original color is **52.4834, 34.6789, 33.6333**, and **11.0061, 5.5942, 4.1141** is the 20% darker color. If you saturate the color by 10%, you get **25.3104, 13.6240, 10.5188**, and if you desaturate by 10%, it is **28.3643, 17.6835, 17.8510**.

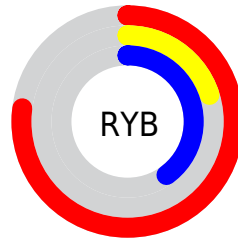
Distribution



Red (77%)

Green (20%)

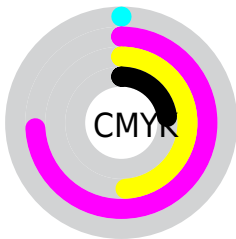
Blue (40%)



Red (77%)

Yellow (20%)

Blue (40%)

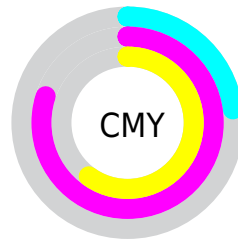


Cyan (0%)

Magenta (74%)

Yellow (49%)

Black (23%)



Cyan (23%)


Magenta (80%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6029, 15.2659, 13.8564 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 26.6029, 15.2659, 13.8564 by changing the saturation by 10% instead.

 26.6029, 15.2659,
13.8564


 26.6029, 15.2659,
13.8564


277.9320,
224.9700, 227.7329


 17.4103, 9.0062,
7.8832


 53.6704, 35.3190,
33.5475


 10.6245, 4.7452,
3.9336


 72.2759, 49.8812,
48.1025


 5.8804, 2.0986,
1.5890

 94.7498, 67.9796,
66.3551

 2.8125, 0.6638,
0.2830

 121.4574, 89.9988,
88.7241

 1.0554, 0.0000,
0.0000

 152.7641,
116.3230, 115.6278

 0.0000, 0.0000,
0.0000

189.0352,

147.3367, 147.4848

230.6360,
183.4242, 184.7137

■ 26.6029, 15.2659,
13.8564

■ 26.6029, 15.2659,
13.8564

■ 25.3104, 13.6240,
10.5188

■ 28.3643, 17.6835,
17.8510

■ 24.4319, 12.6551,
7.7960

■ 30.6386, 20.9574,
22.5390

■ 24.0259, 12.2703,
6.3439

■ 33.4656, 25.1605,
27.9543

■ 36.8809, 30.3576,
34.1285

■ 40.9168, 36.6073,
41.0909

■ 45.6032, 43.9638,
48.8692

■ 50.9682, 52.4776,
57.4897

■ 57.0379, 62.1958,
66.9776

■ 63.8374, 73.1631,
77.3567

Harmonies

Analogous

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



25.4318, 15.2659, 30.8513



26.6029, 15.2659, 13.8564



23.9710, 15.2659, 4.9796

Triad

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



26.6029, 15.2659, 13.8564



9.4774, 15.2659, 2.6849



10.8774, 15.2659, 57.7129

Complementary

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



26.6029, 15.2659, 13.8564



26.7289, 42.8011, 34.8736

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.



7.9373, 15.2659, 39.1833



26.6029, 15.2659, 13.8564



7.2714, 15.2659, 7.6199

Square

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



26.6029, 15.2659, 13.8564



13.5089, 15.2659, 1.4177



6.7821, 15.2659, 19.7330



15.5589, 15.2659, 63.0822

Rectangle

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



26.6029, 15.2659, 13.8564



20.7093, 15.2659, 2.5214



6.7821, 15.2659, 19.7330



9.6903, 15.2659, 52.4431

Sweetspot

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



26.6033, 15.2668, 13.8566



74.2764, 67.1152, 75.2703



23.2056, 12.6223, 54.0364



15.4392, 13.6496, 15.3345



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.



26.6033, 15.2668, 13.8566



44.3431, 23.2686, 15.9052



26.0786, 16.9837, 5.1537



10.7793, 10.6951, 11.8209



15.8383, 8.0849, 4.3582



0.7839, 0.3964, 0.3850

Inverse Universe

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



26.6033, 15.2668, 13.8566



44.3431, 23.2686, 15.9052



26.8736, 35.5194, 58.2626



10.7793, 10.6951, 11.8209



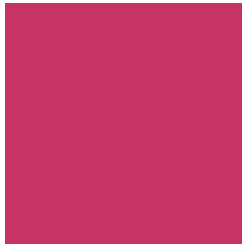
15.8383, 8.0849, 4.3582



0.7839, 0.3964, 0.3850

Previews

White Background



This preview shows how the XYZ color 26.6029, 15.2659, 13.8564 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 26.6029, 15.2659, 13.8564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

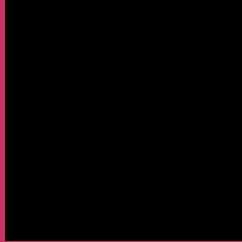
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.6029, 15.2659, 13.8564

Background



This preview shows how black text looks on a background with the XYZ color 26.6029, 15.2659, 13.8564.



This preview shows how white text looks on a background with the XYZ color 26.6029, 15.2659,

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

26.6029, 15.2659, 13.8564

Protanopia

15.5280, 15.6340, 24.3896

Deuteranopia

15.7786, 15.5518, 12.7599



Tritanopia

25.0998, 15.3098, 6.4827

Trichromacy



Original Color

26.6029, 15.2659, 13.8564

Protanomaly

17.4221, 13.7632, 19.8275

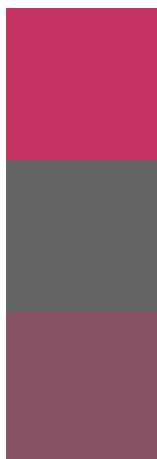
Deuteranomaly

18.4344, 14.1940, 13.0774

Tritanomaly

25.6176, 15.2977, 8.6237

Monochromacy



Original Color

26.6029, 15.2659, 13.8564

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

15.5956, 12.3603, 13.8757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6029, 15.2659, 13.8564 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, 52, 101)` looks like.

```
.text, #text, p{  
    color:rgb(197, 52, 101)  
}
```

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, 52, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 52, 101) }
```

Border

The CSS property to change the border of an element to XYZ 26.6029, 15.2659, 13.8564 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, 52, 101) }
```


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

```
.border{ border-color:rgb(197, 52, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 52, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 52, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 52, 101);  
box-shadow:4px 4px 4px 4px rgb(197, 52,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6029, 15.2659, 13.8564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 52, 101) }
```

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

```
.background{ background-color: rgb(197, 52,  
101) }
```

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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