

Converting Colors

XYZ(26.8253, 18.6155, 25.8609)

Have a look what the booklet for
XYZ(26.8253, 18.6155, 25.8609)
contains.

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Color

**XYZ(26.9101, 18.6542,
25.8492)**

Conversions

Conversions Part 1

Format	Color
Hex	B45989
RGB	180, 89, 137
RGB Percent	71%, 35%, 54%
CMY	0.2941, 0.6510, 0.4627
CMYK	0.00, 0.51, 0.24, 0.29
HSL	328°, 38%, 53%
HSV	328°, 51%, 71%
XYZ	26.9101, 18.6542, 25.8492
YIQ	121.6810, 38.8280, 34.2200

Conversions

Conversions Part 2

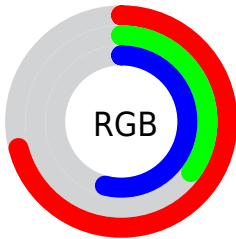
Format	Color
R_{YB}	180, 89, 137
Decimal	11819401
CIE _{Lab}	50.28, 42.63, -9.56
CIE _{LCh}	50, 43.688, 347.356
Yxy	18.6542, 0.3768, 0.2612
Android (android.graphics.Color)	4290009481 (0xFFB45989)
YUV	121.6810, 7.5523, 51.1458
Hunter-Lab	43.1905, 35.6321, -5.2513

Details

The XYZ color **26.9101, 18.6542, 25.8492** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **24.6068, 36.4328, 27.5669**, and the grayscale version is **18.3627, 19.3190, 21.0384**.

A 20% lighter version of the original color is **54.2272, 41.2409, 53.8174**, and **10.8393, 6.3712, 9.6753** is the 20% darker color. If you saturate the color by 10%, you get **25.0049, 15.7820, 22.3215**, and if you desaturate by 10%, it is **29.2307, 22.2798, 29.7531**.

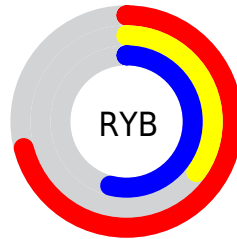
Distribution



Red (71%)

Green (35%)

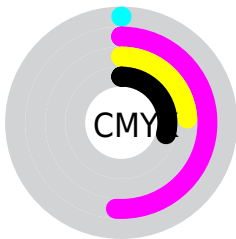
Blue (54%)



Red (71%)

Yellow (35%)

Blue (54%)

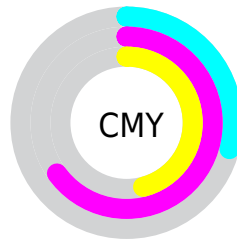


Cyan (0%)

Magenta (51%)

Yellow (24%)

Black (29%)



Cyan (29%)


Magenta (65%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9101, 18.6542, 25.8492 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 26.9101, 18.6542, 25.8492 by changing the saturation by 10% instead.

 26.9101, 18.6542,
25.8492


 26.9101, 18.6542,
25.8492


279.3971,
244.5330, 295.6229


 17.6420, 11.4207,
16.4861


 54.1605, 41.1490,
54.0127


 10.7914, 6.3505,
9.7107


 72.8734, 57.1790,
73.6501

 5.9930, 3.0594,
5.1045


 95.4653, 76.9100,
97.5494

 2.8814, 1.1628,
2.2489

 122.3016,
100.7263, 126.1292

 1.0914, 0.0310,
0.7024

153.7475,
129.0124, 159.8078

 0.0179, 0.0000,
0.0000

190.1685,

 0.0000, 0.0000,

162.1526, 199.0040

0.0000

231.9299,
200.5314, 244.1362

■ 26.9101, 18.6542,
25.8492

■ 26.9101, 18.6542,
25.8492

■ 25.0049, 15.7820,
22.3215

■ 29.2307, 22.2798,
29.7531

■ 23.4853, 13.6058,
19.1541

■ 31.9905, 26.7054,
34.0458

■ 22.3195, 12.0641,
16.3309

■ 35.2135, 31.9769,
38.7407

■ 21.4700, 11.0832,
13.8336

■ 38.9212, 38.1361,
43.8498

■ 20.8853, 10.5285,
11.7439

■ 43.1340, 45.2218,
49.3847

■ 47.8709, 53.2707,
55.3565

■ 53.1499, 62.3172,
61.7757

■ 58.9881, 72.3943,
68.6524

■ 65.4020, 83.5334,
75.9964

Harmonies

Analogous

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



24.4116, 18.6542, 40.5324



26.9101, 18.6542, 25.8492



26.6822, 18.6542, 14.1247

Triad

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



26.9101, 18.6542, 25.8492



15.4129, 18.6542, 5.2032



12.7711, 18.6542, 42.7167

Complementary

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



26.9101, 18.6542, 25.8492



24.6068, 36.4328, 27.5669

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.



11.0447, 18.6542, 28.0828



26.9101, 18.6542, 25.8492



12.3949, 18.6542, 8.2644

Square

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



26.9101, 18.6542, 25.8492



19.5711, 18.6542, 5.0059



10.9189, 18.6542, 15.6268



16.0087, 18.6542, 52.5747

Rectangle

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



26.9101, 18.6542, 25.8492



25.0136, 18.6542, 9.2020



10.9189, 18.6542, 15.6268



12.0188, 18.6542, 37.9780

Sweetspot

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



26.9107, 18.6551, 25.8496



67.2980, 63.6904, 75.0562



21.2440, 15.3038, 45.0144



14.2472, 13.2708, 15.8097



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.9107, 18.6551, 25.8496



44.8852, 27.9502, 39.5764



24.3287, 17.6223, 12.2532



8.6774, 8.5777, 9.7994



14.6108, 7.3619, 8.3766



0.4889, 0.2433, 0.4174

Inverse Universe

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



26.9107, 18.6551, 25.8496



44.8852, 27.9502, 39.5764



28.3742, 37.9397, 47.4054



8.6774, 8.5777, 9.7994



14.6108, 7.3619, 8.3766



0.4889, 0.2433, 0.4174

Previews

White Background



This preview shows how the XYZ color 26.9101, 18.6542, 25.8492 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 26.9101, 18.6542, 25.8492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

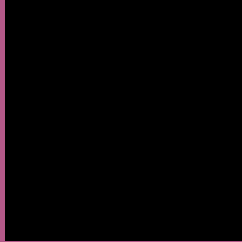
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.9101, 18.6542, 25.8492

Background



This preview shows how black text looks on a background with the XYZ color 26.9101, 18.6542, 25.8492.



This preview shows how white text looks on a background with the XYZ color 26.9101, 18.6542,

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

26.9101, 18.6542, 25.8492

Protanopia

19.1130, 18.9430, 34.5473

Deuteranopia

19.1303, 18.8241, 24.4549



Tritanopia

24.7625, 18.6921, 15.1348

Trichromacy



Original Color

26.9101, 18.6542, 25.8492

Protanomaly

20.8593, 18.0780, 31.2442

Deuteranomaly

21.4148, 18.3476, 24.9670

Tritanomaly

25.3690, 18.5315, 18.4595

Monochromacy



Original Color

26.9101, 18.6542, 25.8492

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.7344, 18.5238, 22.5613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9101, 18.6542, 25.8492 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(180, 89, 137)` looks like.

```
.text, #text, p{  
    color:rgb(180, 89, 137)  
}
```

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(180, 89, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 89, 137) }
```

Border

The CSS property to change the border of an element to XYZ 26.9101, 18.6542, 25.8492 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(180, 89, 137) }
```


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

```
.border{ border-color:rgb(180, 89, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 89, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 89, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 89, 137);  
box-shadow:4px 4px 4px 4px rgb(180, 89,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9101, 18.6542, 25.8492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 89, 137) }
```

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

```
.background{ background-color: rgb(180, 89,  
137) }
```

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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