

Converting Colors

XYZ(26.9013, 18.5005, 38.2295)

Have a look what the booklet for
XYZ(26.9013, 18.5005, 38.2295)
contains.

XYZ(26.9013, 18.5005, 38.2295)	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(26.9013, 18.5005,
38.2295)**

Conversions

Conversions Part 1

Format	Color
Hex	A95AA6
RGB	169, 90, 166
RGB Percent	66%, 35%, 65%
CMY	0.3373, 0.6470, 0.3490
CMYK	0.00, 0.47, 0.02, 0.34
HSL	302°, 31%, 51%
HSV	302°, 47%, 66%
XYZ	26.9013, 18.5005, 38.2295
YIQ	122.2850, 22.6880, 40.3840

Conversions

Conversions Part 2

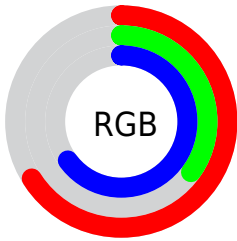
Format	Color
R _{YB}	169, 90, 166
Decimal	11098790
CIE _{Lab}	50.10, 43.38, -27.13
CIE _{LCh}	50, 51.166, 327.975
Yxy	18.5005, 0.3217, 0.2212
Android (android.graphics.Color)	4289288870 (0xFFA95AA6)
YUV	122.2850, 21.5515, 40.9691
Hunter-Lab	43.0122, 36.3686, -22.5888

Details

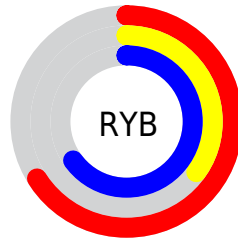
The XYZ color **26.9013, 18.5005, 38.2295** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.3810, 31.3406, 15.3321**, and the grayscale version is **18.5189, 19.4833, 21.2173**.

A 20% lighter version of the original color is **54.2376, 41.0341, 73.4684**, and **10.8330, 6.3108, 16.5667** is the 20% darker color. If you saturate the color by 10%, you get **25.5760, 15.9436, 37.4981**, and if you desaturate by 10%, it is **28.5522, 21.7074, 39.0712**.

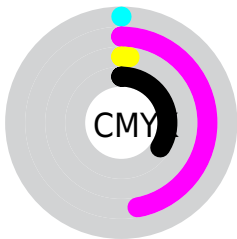
Distribution



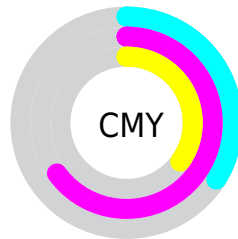
- Red (66%)
- Green (35%)
- Blue (65%)



- Red (66%)
- Yellow (35%)
- Blue (65%)



- Cyan (0%)
- Magenta (47%)
- Yellow (2%)
- Black (34%)




- Cyan (34%)
- Magenta (65%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9013, 18.5005, 38.2295 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 26.9013, 18.5005, 38.2295 by changing the saturation by 10% instead.

 26.9013, 18.5005,
38.2295

 26.9013, 18.5005,
38.2295


279.3552,
243.6772, 353.9311

 17.6353, 11.3099,
25.8576


 54.1465, 40.8883,
73.6671


 10.7866, 6.2757,
16.4924


 72.8563, 56.8544,
97.5699

 5.9897, 3.0134,
9.7151


 95.4449, 76.5144,
126.1534

 2.8794, 1.1388,
5.1074

 122.2775,
100.2527, 159.8363

 1.0903, 0.0108,
2.2505

153.7194,
128.4537, 199.0369

 0.0170, 0.0000,
0.7033

190.1361,

 0.0000, 0.0000,

161.5019, 244.1739

0.0000

231.8929,
199.7816, 295.6658

■ 26.9013, 18.5005,
38.2295

■ 26.9013, 18.5005,
38.2295

■ 25.5760, 15.9436,
37.4981

■ 28.5522, 21.7074,
39.0712

■ 24.5523, 13.9896,
36.8685

■ 30.5470, 25.6020,
40.0289

■ 23.8056, 12.5892,
36.3326

■ 32.9048, 30.2222,
41.1090

■ 23.3068, 11.6844,
35.8809

■ 35.6429, 35.6025,
42.3174

■ 23.0143, 11.1915,
35.4993

■ 38.7773, 41.7750,
43.6593

■ 22.9359, 11.0645,
35.3810

■ 42.3233, 48.7702,
45.1399

■ 46.2952, 56.6167,
46.7638

■ 50.7067, 65.3419,
48.5358

■ 55.5709, 74.9720,
50.4602

Harmonies

Analogous

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



22.4131, 18.5005, 54.8632



26.9013, 18.5005, 38.2295



28.8531, 18.5005, 21.1180

Triad

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



26.9013, 18.5005, 38.2295



17.9211, 18.5005, 3.3753



10.4742, 18.5005, 35.7400

Complementary

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



26.9013, 18.5005, 38.2295



20.3810, 31.3406, 15.3321

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.



9.7139, 18.5005, 19.2002



26.9013, 18.5005, 38.2295



13.5040, 18.5005, 4.4273

Square

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



26.9013, 18.5005, 38.2295



23.1017, 18.5005, 4.7858



10.7130, 18.5005, 8.9096



13.0235, 18.5005, 53.0144

Rectangle

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



26.9013, 18.5005, 38.2295



28.2227, 18.5005, 12.8774



10.7130, 18.5005, 8.9096



10.0244, 18.5005, 29.7307

Sweetspot

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



26.9019, 18.5013, 38.2299



60.0874, 56.3981, 74.1405



15.2956, 12.4859, 39.1406



12.8860, 11.8793, 16.0654



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.9019, 18.5013, 38.2299



45.7506, 28.4500, 67.1246



23.8412, 17.2770, 22.1123



7.8294, 7.6616, 9.4189



17.0984, 8.2481, 26.3932



0.4197, 0.2021, 0.6614

Inverse Universe

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



26.9019, 18.5013, 38.2299



45.7506, 28.4500, 67.1246



22.5792, 32.2199, 26.9076



7.8294, 7.6616, 9.4189



17.0984, 8.2481, 26.3932



0.4197, 0.2021, 0.6614

Previews

White Background



This preview shows how the XYZ color 26.9013, 18.5005, 38.2295 looks on a white background.

Color Contrast Check

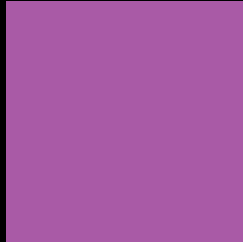
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9013, 18.5005, 38.2295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

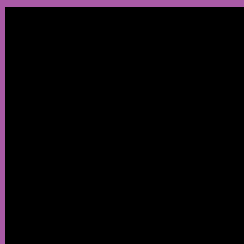
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.9013, 18.5005, 38.2295

Background



This preview shows how black text looks on a background with the XYZ color 26.9013, 18.5005, 38.2295.



This preview shows how white text looks on a background with the XYZ color 26.9013, 18.5005,

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

26.9013, 18.5005, 38.2295

Protanopia

19.9526, 18.6806, 50.1310

Deuteranopia

19.0958, 18.7182, 36.3247



Tritanopia

22.5650, 18.5077, 17.1349

Trichromacy



Original Color

26.9013, 18.5005, 38.2295



Protanomaly

21.3811, 17.8756, 45.5035



Deuteranomaly

21.1793, 18.1153, 37.0307



Tritanomaly

23.9140, 18.3464, 23.3999

Monochromacy



Original Color

26.9013, 18.5005, 38.2295



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

20.8108, 18.4758, 26.5141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9013, 18.5005, 38.2295 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(169, 90, 166)` looks like.

```
.text, #text, p{  
    color:rgb(169, 90, 166)  
}
```

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(169, 90, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 90, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.9013, 18.5005, 38.2295 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(169, 90, 166) }
```


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

```
.border{ border-color:rgb(169, 90, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 90, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 90, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 90, 166); box-shadow:4px 4px 4px 4px rgb(169, 90, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9013, 18.5005, 38.2295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 90, 166) }
```

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

```
.background{ background-color: rgb(169, 90,  
166) }
```

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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