

Converting Colors

XYZ(26.4726, 18.0077, 32.2940)

Have a look what the booklet for
XYZ(26.4726, 18.0077, 32.2940)
contains.

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Color

**XYZ(26.3915, 18.0005,
32.2205)**

Conversions

Conversions Part 1

Format	Color
Hex	AD5799
RGB	173, 87, 153
RGB Percent	68%, 34%, 60%
CMY	0.3216, 0.6588, 0.4000
CMYK	0.00, 0.50, 0.12, 0.32
HSL	314°, 34%, 51%
HSV	314°, 50%, 68%
XYZ	26.3915, 18.0005, 32.2205
YIQ	120.2380, 30.0700, 38.7580

Conversions

Conversions Part 2

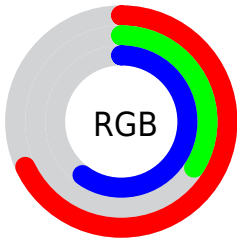
Format	Color
R_{YB}	173, 87, 153
Decimal	11360153
CIE _{Lab}	49.50, 43.88, -20.35
CIE _{LCh}	49, 48.372, 335.120
Yxy	18.0005, 0.3445, 0.2350
Android (android.graphics.Color)	4289550233 (0xFFAD5799)
YUV	120.2380, 16.1517, 46.2723
Hunter-Lab	42.4270, 36.7878, -15.3279

Details

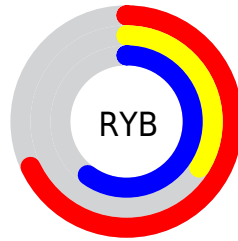
The XYZ color **26.3915, 18.0005, 32.2205** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **21.5286, 32.9754, 19.1413**, and the grayscale version is **17.8725, 18.8032, 20.4767**.

A 20% lighter version of the original color is **53.2737, 40.0842, 63.9607**, and **10.4705, 6.0129, 13.1791** is the 20% darker color. If you saturate the color by 10%, you get **24.8284, 15.3969, 30.0875**, and if you desaturate by 10%, it is **28.3026, 21.2815, 34.5251**.

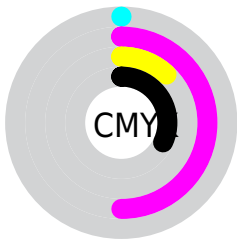
Distribution



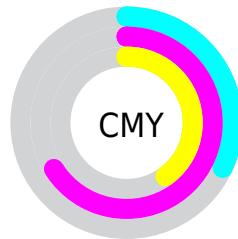
- Red (68%)
- Green (34%)
- Blue (60%)



- Red (68%)
- Yellow (34%)
- Blue (60%)



- Cyan (0%)
- Magenta (50%)
- Yellow (12%)
- Black (32%)





- Cyan (32%)
- Magenta (66%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3915, 18.0005, 32.2205 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 26.3915, 18.0005, 32.2205 by changing the saturation by 10% instead.


 26.3915, 18.0005,
32.2205


 26.3915, 18.0005,
32.2205


276.9203,
240.8739, 326.6461


 17.2510, 10.9503,
21.2638


 53.3327, 40.0382,
64.2585

 10.5100, 6.0335,
13.1238


 71.8640, 55.7945,
86.1769


 5.8032, 2.8654,
7.3821


 94.2564, 75.2216,
112.5862

 2.7653, 1.0619,
3.6202

 120.8750, 98.7040,
143.9050

 1.0309, 0.0000,
1.4194

 152.0854,
126.6261, 180.5519

 0.0000, 0.0000,
0.1568

188.2528,

 0.0000, 0.0000,

159.3721, 222.9453

0.0000

229.7427,
197.3266, 271.5039

■ 26.3915, 18.0005,
32.2205

■ 26.3915, 18.0005,
32.2205

■ 24.8284, 15.3969,
30.0875

■ 28.3026, 21.2815,
34.5251

■ 23.5871, 13.4194,
28.1164

■ 30.5820, 25.2813,
37.0081

■ 22.6403, 12.0135,
26.2977


■ 33.2505, 30.0411,
39.6772


■ 21.9555, 11.1141,
24.6200


■ 36.3268, 35.5981,
42.5391


■ 21.4648, 10.5855,
23.0600


■ 39.8285, 41.9871,
45.6001

 21.4512, 10.5713,
23.0156

 43.7719, 49.2408,
48.8662

 48.1725, 57.3902,
52.3431

 53.0453, 66.4646,
56.0363

 58.4043, 76.4923,
59.9508

Harmonies

Analogous

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



22.6833, 18.0005, 48.2620



26.3915, 18.0005, 32.2205



27.4481, 18.0005, 17.4367

Triad

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



26.3915, 18.0005, 32.2205



16.3361, 18.0005, 3.6942



10.8766, 18.0005, 37.9528

Complementary

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



26.3915, 18.0005, 32.2205



21.5286, 32.9754, 19.1413

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.



9.7594, 18.0005, 21.9340



26.3915, 18.0005, 32.2205



12.5319, 18.0005, 5.3733

Square

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



26.3915, 18.0005, 32.2205



21.0821, 18.0005, 4.4795



10.3066, 18.0005, 10.7979



13.6692, 18.0005, 52.4776

Rectangle

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



26.3915, 18.0005, 32.2205



26.3708, 18.0005, 10.7339



10.3066, 18.0005, 10.7979



10.3177, 18.0005, 32.3535

Sweetspot

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



26.3921, 18.0013, 32.2209



61.9075, 58.0471, 73.2953



16.8522, 12.8762, 41.1326



13.2155, 12.1850, 15.7045



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.3921, 18.0013, 32.2209



44.1359, 27.0373, 53.3956



23.5319, 16.8573, 17.1595



8.2562, 8.1157, 9.6599



15.7817, 7.7752, 17.0278



0.4582, 0.2240, 0.5749

Inverse Universe

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



26.3921, 18.0013, 32.2209



44.1359, 27.0373, 53.3956



24.2703, 34.0721, 33.5786



8.2562, 8.1157, 9.6599



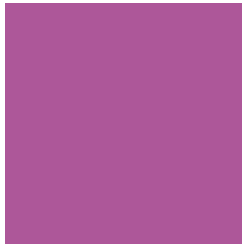
15.7817, 7.7752, 17.0278



0.4582, 0.2240, 0.5749

Previews

White Background



This preview shows how the XYZ color 26.3915, 18.0005, 32.2205 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 26.3915, 18.0005, 32.2205 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 26.3915, 18.0005, 32.2205

Background



This preview shows how black text looks on a background with the XYZ color 26.3915, 18.0005, 32.2205.



This preview shows how white text looks on a background with the XYZ color 26.3915, 18.0005,

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

26.3915, 18.0005, 32.2205

Protanopia

19.0203, 18.1826, 43.0646

Deuteranopia

18.5301, 18.2063, 30.5545



Tritanopia

23.0659, 18.0801, 15.6387

Trichromacy



Original Color

26.3915, 18.0005, 32.2205

Protanomaly

20.4841, 17.2531, 38.8098

Deuteranomaly

20.5483, 17.4561, 31.1405

Tritanomaly

24.0931, 17.9566, 20.6085

Monochromacy



Original Color

26.3915, 18.0005, 32.2205

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

20.1749, 17.8800, 24.2177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3915, 18.0005, 32.2205 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(173, 87, 153)` looks like.

```
.text, #text, p{  
    color:rgb(173, 87, 153)  
}
```

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(173, 87, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 87, 153) }
```

Border

The CSS property to change the border of an element to XYZ 26.3915, 18.0005, 32.2205 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(173, 87, 153) }
```


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

```
.border{ border-color:rgb(173, 87, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 87, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 87, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 87, 153);  
box-shadow:4px 4px 4px 4px rgb(173, 87,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3915, 18.0005, 32.2205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 87, 153) }
```

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

```
.background{ background-color: rgb(173, 87,  
153) }
```

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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