

Converting Colors

XYZ(25.3918, 17.3470, 33.0123)

Have a look what the booklet for
XYZ(25.3918, 17.3470, 33.0123)
contains.

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Color

**XYZ(25.3926, 17.3470,
33.0203)**

Conversions

Conversions Part 1

Format	Color
Hex	A8569B
RGB	168, 86, 155
RGB Percent	66%, 34%, 61%
CMY	0.3412, 0.6627, 0.3922
CMYK	0.00, 0.49, 0.08, 0.34
HSL	310°, 32%, 50%
HSV	310°, 49%, 66%
XYZ	25.3926, 17.3470, 33.0203
YIQ	118.3840, 26.7230, 38.8430

Conversions

Conversions Part 2

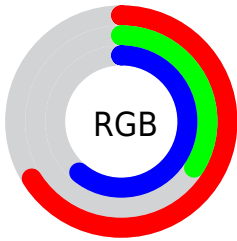
Format	Color
R_{YB}	168, 86, 155
Decimal	11032219
CIE _{Lab}	48.69, 43.17, -22.83
CIE _{LCh}	49, 48.837, 332.131
Yxy	17.3470, 0.3352, 0.2290
Android (android.graphics.Color)	4289222299 (0xFFA8569B)
YUV	118.3840, 18.0517, 43.5132
Hunter-Lab	41.6497, 35.9391, -17.8509

Details

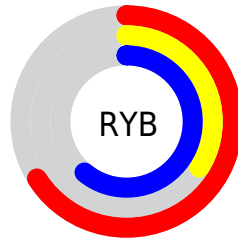
The XYZ color **25.3926, 17.3470, 33.0203** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.0933, 30.8851, 16.7080**, and the grayscale version is **17.2801, 18.1801, 19.7981**.

A 20% lighter version of the original color is **51.7727, 38.8377, 65.7405**, and **10.0101, 5.7209, 13.6734** is the 20% darker color. If you saturate the color by 10%, you get **23.9844, 14.8844, 31.4595**, and if you desaturate by 10%, it is **27.1221, 20.4437, 34.7129**.

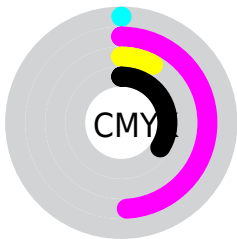
Distribution



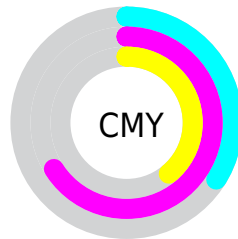
- Red (66%)
- Green (34%)
- Blue (61%)



- Red (66%)
- Yellow (34%)
- Blue (61%)



- Cyan (0%)
- Magenta (49%)
- Yellow (8%)
- Black (34%)





- Cyan (34%)
- Magenta (66%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3926, 17.3470, 33.0203 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 25.3926, 17.3470, 33.0203 by changing the saturation by 10% instead.


 25.3926, 17.3470,
33.0203


 25.3926, 17.3470,
33.0203


272.0992,
237.1642, 330.3760


 16.5001, 10.4822,
21.8708


 51.7317, 38.9214,
65.5236


 9.9718, 5.7198,
13.5646


 69.9091, 54.3999,
87.7144

 5.4424, 2.6755,
7.6832


 91.9121, 73.5183,
114.4228

 2.5465, 0.9648,
3.8080

 118.1061, 96.6611,
146.0672

 0.9188, 0.0000,
1.5206

 148.8564,
124.2127, 183.0661

 0.0000, 0.0000,
0.2332

184.5285,

 0.0000, 0.0000,

156.5575, 225.8382

0.0000

225.4876,
194.0798, 274.8020

■ 25.3926, 17.3470,
33.0203

■ 25.3926, 17.3470,
33.0203

■ 23.9844, 14.8844,
31.4595

■ 27.1221, 20.4437,
34.7129

■ 22.8734, 13.0087,
30.0218

■ 29.1915, 24.2125,
36.5431

■ 22.0348, 11.6697,
28.6989

■ 31.6199, 28.6915,
38.5177

■ 21.4387, 10.8083,
27.4808

■ 34.4247, 33.9150,
40.6425

■ 21.0290, 10.3119,
26.3485

■ 37.6218, 39.9153,
42.9230

■ 20.9835, 10.2589,
26.2161

■ 41.2265, 46.7225,
45.3645

■ 45.2531, 54.3653,
47.9719

■ 49.7153, 62.8711,
50.7499

■ 54.6261, 72.2657,
53.7029

Harmonies

Analogous

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



21.5376, 17.3470, 48.6495



25.3926, 17.3470, 33.0203



26.7479, 17.3470, 17.9802

Triad

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



25.3926, 17.3470, 33.0203



16.1677, 17.3470, 3.3611



10.1862, 17.3470, 35.3942

Complementary

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



25.3926, 17.3470, 33.0203



20.0933, 30.8851, 16.7080

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.



9.2578, 17.3470, 19.8257



25.3926, 17.3470, 33.0203



12.2963, 17.3470, 4.7056

Square

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



25.3926, 17.3470, 33.0203



20.8777, 17.3470, 4.3496



9.9542, 17.3470, 9.5025



12.7609, 17.3470, 50.4039

Rectangle

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



25.3926, 17.3470, 33.0203



25.8844, 17.3470, 10.9984



9.9542, 17.3470, 9.5025



9.6948, 17.3470, 29.8608

Sweetspot

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



25.3932, 17.3478, 33.0207



59.0965, 55.2547, 71.2255



15.4660, 12.0971, 38.5659



12.6645, 11.6417, 15.3577



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.



25.3932, 17.3478, 33.0207



43.2366, 26.5179, 56.7425



22.5542, 16.2122, 18.0708



7.7900, 7.6459, 9.2116



15.8614, 7.7533, 19.8792



0.3992, 0.1939, 0.5535

Inverse Universe

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



25.3932, 17.3478, 33.0207



43.2366, 26.5179, 56.7425



22.5232, 31.8570, 29.5039



7.7900, 7.6459, 9.2116



15.8614, 7.7533, 19.8792



0.3992, 0.1939, 0.5535

Previews

White Background



This preview shows how the XYZ color 25.3926, 17.3470, 33.0203 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 25.3926, 17.3470, 33.0203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

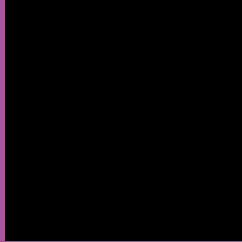
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 25.3926, 17.3470, 33.0203

Background



This preview shows how black text looks on a background with the XYZ color 25.3926, 17.3470, 33.0203.



This preview shows how white text looks on a background with the XYZ color 25.3926, 17.3470,

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

25.3926, 17.3470, 33.0203

Protanopia

18.5692, 17.5886, 44.0112

Deuteranopia

17.8290, 17.4878, 31.2900



Tritanopia

21.7248, 17.2507, 15.5493

Trichromacy



Original Color

25.3926, 17.3470, 33.0203

Protanomaly

19.9969, 16.8301, 39.7307

Deuteranomaly

19.8237, 16.9135, 31.9256

Tritanomaly

22.7993, 17.1513, 20.8478

Monochromacy



Original Color

25.3926, 17.3470, 33.0203

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.4041, 17.1810, 23.7663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3926, 17.3470, 33.0203 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(168, 86, 155)` looks like.

```
.text, #text, p{  
    color:rgb(168, 86, 155)  
}
```

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(168, 86, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 86, 155) }
```

Border

The CSS property to change the border of an element to XYZ 25.3926, 17.3470, 33.0203 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(168, 86, 155) }
```


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

```
.border{ border-color:rgb(168, 86, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 86, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 86, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 86, 155);  
box-shadow:4px 4px 4px 4px rgb(168, 86,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3926, 17.3470, 33.0203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 86, 155) }
```

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

```
.background{ background-color: rgb(168, 86,  
155) }
```

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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