

Converting Colors

XYZ(29.0165, 25.5391, 24.2006)

Have a look what the booklet for
XYZ(29.0165, 25.5391, 24.2006)
contains.

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Color

**XYZ(29.1025, 25.6206,
24.1803)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7E81
RGB	175, 126, 129
RGB Percent	69%, 49%, 51%
CMY	0.3137, 0.5059, 0.4941
CMYK	0.00, 0.28, 0.26, 0.31
HSL	356°, 23%, 59%
HSV	356°, 28%, 69%
XYZ	29.1025, 25.6206, 24.1803
YIQ	140.9930, 28.2410, 11.3210

Conversions

Conversions Part 2

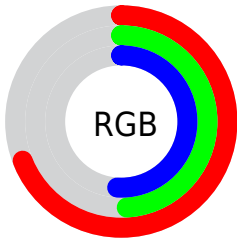
Format	Color
R_{YB}	175, 126, 129
Decimal	11501185
CIE Lab	57.68, 19.44, 5.91
CIE LCh	58, 20.317, 16.915
Yxy	25.6206, 0.3688, 0.3247
Android (android.graphics.Color)	4289691265 (0xFFAF7E81)
YUV	140.9930, -5.9125, 29.8241
Hunter-Lab	50.6168, 14.0505, 7.1082

Details

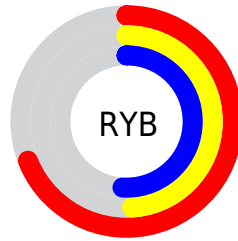
The XYZ color **29.1025, 25.6206, 24.1803** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.3816, 38.0747, 44.7267**, and the grayscale version is **25.3299, 26.6491, 29.0208**.

A 20% lighter version of the original color is **57.5186, 52.6065, 51.3785**, and **11.9870, 9.9519, 8.8785** is the 20% darker color. If you saturate the color by 10%, you get **26.0517, 21.1284, 18.2017**, and if you desaturate by 10%, it is **32.7217, 30.9683, 31.2154**.

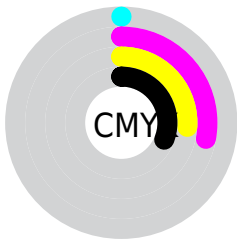
Distribution



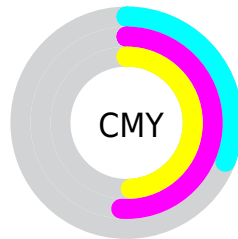
- Red (69%)
- Green (49%)
- Blue (51%)



- Red (69%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (28%)
- Yellow (26%)
- Black (31%)





- Cyan (31%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1025, 25.6206, 24.1803 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 29.1025, 25.6206, 24.1803 by changing the saturation by 10% instead.


 29.1025, 25.6206,
24.1803


 29.1025, 25.6206,
24.1803


289.6838,
280.9146, 287.0466


 19.3030, 16.5400,
15.2540


 57.6363, 52.6622,
51.2718

 11.9948, 9.9071,
8.8492


 77.1014, 71.3921,
70.2740

 6.8123, 5.3374,
4.5475


 100.5191, 94.1072,
93.4720

 3.3903, 2.4466,
1.9303

128.2547,
121.1919, 121.2842

 1.3633, 0.8497,
0.5119

160.6736,
153.0306, 154.1293

 0.2299, 0.0000,
0.0000

198.1412,

 0.0000, 0.0000,

190.0077, 192.4256

0.0000

241.0228,
232.5075, 236.5919

■ 29.1025, 25.6206,
24.1803

■ 29.1025, 25.6206,
24.1803

■ 26.0517, 21.1284,
18.2017

■ 32.7217, 30.9683,
31.2154

■ 23.5386, 17.4440,
13.2270

■ 36.9341, 37.2089,
39.3528

■ 21.5324, 14.5205,
9.2016

■ 41.7653, 44.3819,
48.6376

■ 19.9988, 12.3048,
6.0651

■ 47.2389, 52.5233,
59.1120

■ 18.8987, 10.7367,
3.7501

■ 53.3772, 61.6673,
70.8159

■ 18.1873, 9.7464,
2.1795

■ 60.2017, 71.8464,
83.7876

■ 17.7965, 9.2218,
1.2572

■ 67.7325, 83.0916,
98.0633

■ 17.7380, 9.1375,
1.1365

■ 71.4893, 87.8540,
107.7974

Harmonies

Analogous

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



29.1937, 25.6206, 31.0379



29.1025, 25.6206, 24.1803



27.6857, 25.6206, 19.2180

Triad

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



29.1025, 25.6206, 24.1803



21.0951, 25.6206, 19.7157



23.3088, 25.6206, 43.0710

Complementary

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



29.1025, 25.6206, 24.1803



31.3816, 38.0747, 44.7267

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.



21.2965, 25.6206, 38.8589



29.1025, 25.6206, 24.1803



20.0769, 25.6206, 24.9745

Square

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



29.1025, 25.6206, 24.1803



23.0169, 25.6206, 16.9498



20.1481, 25.6206, 31.9751



25.7370, 25.6206, 42.7624

Rectangle

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



29.1025, 25.6206, 24.1803



26.2305, 25.6206, 17.3058



20.1481, 25.6206, 31.9751



22.5646, 25.6206, 42.1107

Sweetspot

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



29.1032, 25.6218, 24.1808



66.0337, 66.4711, 70.2602



32.1542, 26.7585, 44.0279



14.4126, 14.3822, 15.1070



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.1032, 25.6218, 24.1808



48.4102, 40.4175, 36.0434



31.9159, 31.5614, 24.1499



8.0244, 8.0230, 8.4392



12.7111, 6.5470, 0.8580



0.3599, 0.1846, 0.0570

Inverse Universe

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



29.1032, 25.6218, 24.1808



48.4102, 40.4175, 36.0434



27.8602, 30.5660, 44.9891



8.0244, 8.0230, 8.4392



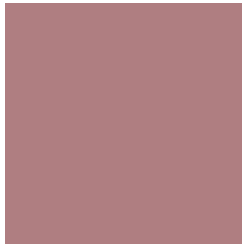
12.7111, 6.5470, 0.8580



0.3599, 0.1846, 0.0570

Previews

White Background



This preview shows how the XYZ color 29.1025, 25.6206, 24.1803 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 29.1025, 25.6206, 24.1803 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 29.1025, 25.6206, 24.1803

Background



This preview shows how black text looks on a background with the XYZ color 29.1025, 25.6206, 24.1803.



This preview shows how white text looks on a background with the XYZ color 29.1025, 25.6206,

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

29.1025, 25.6206, 24.1803

Protanopia

24.6877, 25.7053, 26.9530

Deuteranopia

26.1317, 25.6766, 24.0009



Tritanopia

29.6113, 25.6466, 26.3113

Trichromacy



Original Color

29.1025, 25.6206, 24.1803

Protanomaly

26.0852, 25.6137, 25.7594

Deuteranomaly

27.1168, 25.5776, 23.9298

Tritanomaly

29.4717, 25.5908, 25.5765

Monochromacy



Original Color

29.1025, 25.6206, 24.1803

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.4564, 26.1868, 27.3271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1025, 25.6206, 24.1803 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(175, 126, 129)` looks like.

```
.text, #text, p{  
    color:rgb(175, 126, 129)  
}
```

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(175, 126, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 126, 129) }
```

Border

The CSS property to change the border of an element to XYZ 29.1025, 25.6206, 24.1803 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(175, 126, 129) }
```


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

```
.border{ border-color:rgb(175, 126, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 126, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 126, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 126, 129); box-shadow:4px 4px 4px 4px rgb(175, 126, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1025, 25.6206, 24.1803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 126, 129) }
```

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

```
.background{ background-color: rgb(175,  
126, 129) }
```

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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