

Converting Colors

XYZ(26.2579, 21.9238, 29.4125)

Have a look what the booklet for
XYZ(26.2579, 21.9238, 29.4125)
contains.

XYZ(26.1556, 21.8348, 29.2215)	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(26.1556, 21.8348,
29.2215)**

Conversions

Conversions Part 1

Format	Color
Hex	A37290
RGB	163, 114, 144
RGB Percent	64%, 45%, 56%
CMY	0.3608, 0.5529, 0.4353
CMYK	0.00, 0.30, 0.12, 0.36
HSL	323°, 21%, 54%
HSV	323°, 30%, 64%
XYZ	26.1556, 21.8348, 29.2215
YIQ	132.0710, 19.5740, 19.7180

Conversions

Conversions Part 2

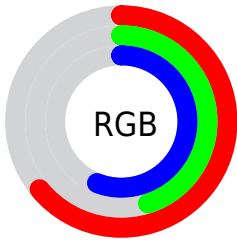
Format	Color
R_{YB}	163, 114, 144
Decimal	10711696
CIE _{Lab}	53.85, 24.14, -8.57
CIE _{LCh}	54, 25.615, 340.447
Yxy	21.8348, 0.3388, 0.2828
Android (android.graphics.Color)	4288901776 (0xFFA37290)
YUV	132.0710, 5.8810, 27.1247
Hunter-Lab	46.7277, 18.1409, -4.3680

Details

The XYZ color **26.1556, 21.8348, 29.2215** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.2712, 31.4658, 26.9861**, and the grayscale version is **21.9328, 23.0750, 25.1287**.

A 20% lighter version of the original color is **53.0427, 46.4097, 59.5884**, and **10.3411, 7.9037, 11.5702** is the 20% darker color. If you saturate the color by 10%, you get **24.0087, 18.2924, 26.1888**, and if you desaturate by 10%, it is **28.6585, 26.0453, 32.5069**.

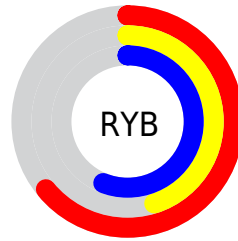
Distribution



Red (64%)

Green (45%)

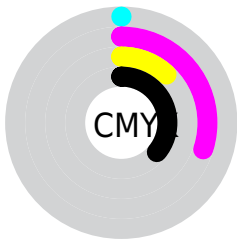
Blue (56%)



Red (64%)

Yellow (45%)

Blue (56%)

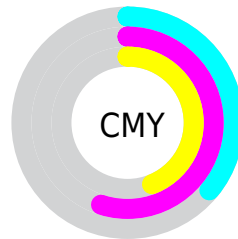


Cyan (0%)

Magenta (30%)

Yellow (12%)

Black (36%)



Cyan (36%)

Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1556, 21.8348, 29.2215 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 26.1556, 21.8348, 29.2215 by changing the saturation by 10% instead.

■ 26.1556, 21.8348,
29.2215

■ 26.1556, 21.8348,
29.2215

275.7878,
261.6823, 312.3522

■ 17.0734, 13.7356,
19.0014

■ 52.9554, 46.4728,
59.4752

■ 10.3824, 7.9370,
11.4945

■ 71.4036, 63.7804,
80.3459

■ 5.7175, 4.0546,
6.2821

■ 93.7046, 84.9262,
105.6039

■ 2.7131, 1.7042,
2.9458

■ 120.2237,
110.2946, 135.6677

■ 1.0039, 0.4264,
1.0670

151.3262,
140.2700, 170.9559

■ 0.0000, 0.0000,
0.0000

187.3774,

175.2368, 211.8871

228.7429,
215.5795, 258.8796

■ 26.1556, 21.8348,
29.2215

■ 26.1556, 21.8348,
29.2215

■ 24.0087, 18.2924,
26.1888

■ 28.6585, 26.0453,
32.5069

■ 22.1980, 15.3801,
23.3992

■ 31.5320, 30.9533,
36.0511

■ 20.7047, 13.0608,
20.8445

■ 34.7921, 36.5900,
39.8619

■ 19.5073, 11.2920,
18.5152

■ 38.4536, 42.9840,
43.9461

■ 18.5813, 10.0257,
16.4010

■ 42.5301, 50.1622,
48.3104

■ 17.8981, 9.2054,
14.4897

■ 47.0348, 58.1502,
52.9609

■ 17.3946, 8.7027,
12.7668

■ 51.9803, 66.9724,
57.9038

■ 57.3784, 76.6523,
63.1450

■ 61.3939, 83.5184,
68.0744

Harmonies

Analogous

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



24.3828, 21.8348, 37.2882



26.1556, 21.8348, 29.2215



26.4104, 21.8348, 21.1285

Triad

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



26.1556, 21.8348, 29.2215



19.8076, 21.8348, 11.7588



16.9777, 21.8348, 35.0361

Complementary

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



26.1556, 21.8348, 29.2215



24.2712, 31.4658, 26.9861

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.



15.9679, 21.8348, 26.6324



26.1556, 21.8348, 29.2215



17.5032, 21.8348, 13.9977

Square

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



26.1556, 21.8348, 29.2215



22.5771, 21.8348, 12.1530



16.1514, 21.8348, 19.0501



19.0305, 21.8348, 41.1260

Rectangle

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



26.1556, 21.8348, 29.2215



25.6629, 21.8348, 16.8860



16.1514, 21.8348, 19.0501



16.5136, 21.8348, 32.3198

Sweetspot

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



26.1562, 21.8358, 29.2220



56.9633, 56.2813, 65.1536



22.2678, 19.6491, 37.2696



12.6212, 12.3439, 14.4264



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.1562, 21.8358, 29.2220



44.2325, 34.7822, 48.6943



24.4954, 21.1714, 20.4759



7.2474, 7.1554, 8.2891



13.5414, 6.7726, 10.0416



0.3066, 0.1512, 0.3274

Inverse Universe

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



26.1562, 21.8358, 29.2220



44.2325, 34.7822, 48.6943



26.1474, 32.2163, 36.8660



7.2474, 7.1554, 8.2891



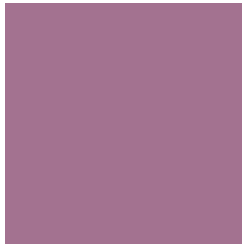
13.5414, 6.7726, 10.0416



0.3066, 0.1512, 0.3274

Previews

White Background



This preview shows how the XYZ color 26.1556, 21.8348, 29.2215 looks on a white background.

Color Contrast Check

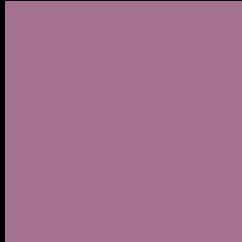
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1556, 21.8348, 29.2215 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 26.1556, 21.8348, 29.2215

Background



This preview shows how black text looks on a background with the XYZ color 26.1556, 21.8348, 29.2215.



This preview shows how white text looks on a background with the XYZ color 26.1556, 21.8348,

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

26.1556, 21.8348, 29.2215

Protanopia

21.7811, 22.0233, 33.2399

Deuteranopia

22.3694, 21.8545, 28.6305



Tritanopia

24.8251, 21.8060, 22.6392

Trichromacy



Original Color

26.1556, 21.8348, 29.2215

Protanomaly

23.0692, 21.7712, 31.8405

Deuteranomaly

23.6494, 21.7689, 28.9420

Tritanomaly

25.3793, 21.8656, 25.0732

Monochromacy



Original Color

26.1556, 21.8348, 29.2215

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.1052, 22.2844, 26.3761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1556, 21.8348, 29.2215 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(163, 114, 144)` looks like.

```
.text, #text, p{  
    color:rgb(163, 114, 144)  
}
```

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(163, 114, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 114, 144) }
```

Border

The CSS property to change the border of an element to XYZ 26.1556, 21.8348, 29.2215 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(163, 114, 144) }
```


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

```
.border{ border-color:rgb(163, 114, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 114, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 114, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 114, 144);  
box-shadow:4px 4px 4px 4px rgb(163, 114,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1556, 21.8348, 29.2215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 114, 144) }
```

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

```
.background{ background-color: rgb(163,  
114, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor