

Converting Colors

XYZ(29.5637, 29.1189, 25.8921)

Have a look what the booklet for
XYZ(29.5637, 29.1189, 25.8921)
contains.

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Color

**XYZ(29.5637, 29.1189,
25.8921)**

Conversions

Conversions Part 1

Format	Color
Hex	A68E84
RGB	166, 142, 132
RGB Percent	65%, 56%, 52%
CMY	0.3490, 0.4431, 0.4823
CMYK	0.00, 0.14, 0.20, 0.35
HSL	18°, 16%, 58%
HSV	18°, 20%, 65%
XYZ	29.5637, 29.1189, 25.8921
YIQ	148.0360, 17.5140, 1.9780

Conversions

Conversions Part 2

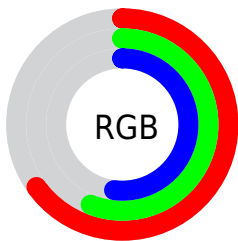
Format	Color
R _Y B	166, 146, 132
Decimal	10915460
CIE Lab	60.89, 7.37, 8.65
CIE LCh	61, 11.366, 49.595
Yxy	29.1189, 0.3496, 0.3443
Android (android.graphics.Color)	4289105540 (0xFFA68E84)
YUV	148.0360, -7.9057, 15.7544
Hunter-Lab	53.9619, 3.3600, 9.3247

Details

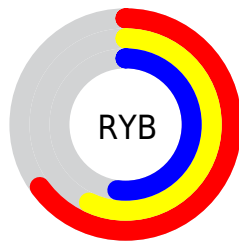
The XYZ color **29.5637, 29.1189, 25.8921** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.2868, 31.4348, 40.6532**, and the grayscale version is **28.1907, 29.6589, 32.2985**.

A 20% lighter version of the original color is **58.3157, 58.3548, 54.0890**, and **12.3279, 11.8562, 9.8223** is the 20% darker color. If you saturate the color by 10%, you get **26.8646, 25.3961, 19.8269**, and if you desaturate by 10%, it is **32.6284, 33.2832, 32.9716**.

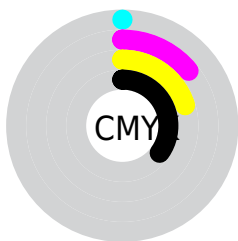
Distribution



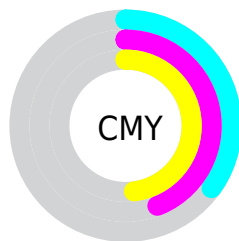
- Red (65%)
- Green (56%)
- Blue (52%)



- Red (65%)
- Yellow (57%)
- Blue (52%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (35%)



- Cyan (35%)
- Magenta (44%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5637, 29.1189, 25.8921 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 29.5637, 29.1189, 25.8921 by changing the saturation by 10% instead.

■ 29.5637, 29.1189,
25.8921

■ 29.5637, 29.1189,
25.8921

291.8119,
297.7755, 295.8406

■ 19.6541, 19.1708,
16.5179

■ 58.3629, 58.2659,
54.0828

■ 12.2506, 11.7937,
9.7331

■ 77.9832, 78.2337,
73.7363

■ 6.9880, 6.6034,
5.1190

■ 101.5710,
102.3100, 97.6534

■ 3.5009, 3.2153,
2.2573

129.4919,
130.8795, 126.2525

■ 1.4238, 1.2452,
0.7072

162.1110,
164.3263, 159.9523

■ 0.2731, 0.0981,
0.0000

199.7938,

■ 0.0000, 0.0000,

203.0350, 199.1712

0.0000

242.9057,
247.3900, 244.3278

■ 29.5637, 29.1189,
25.8921

■ 29.5637, 29.1189,
25.8921

■ 26.8646, 25.3961,
19.8269

■ 32.6284, 33.2832,
32.9716

■ 24.5146, 22.0961,
14.7275

■ 36.0698, 37.8989,
41.1075

■ 22.4993, 19.2047,
10.5438

■ 39.9011, 42.9807,
50.3414

■ 20.8024, 16.7053,
7.2208

■ 44.1346, 48.5414,
60.7123

■ 19.4061, 14.5803,
4.6973

■ 48.7817, 54.5932,
72.2572

■ 18.2907, 12.8105,
2.9039

■ 53.8535, 61.1479,
85.0116

■ 17.4334, 11.3747,
1.7591

■ 59.3606, 68.2170,
99.0093

■ 16.8176, 10.2903,
1.0998

■ 63.6945, 75.1640,
105.7588

■ 67.1741, 82.1233,
106.9187

Harmonies

Analogous

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



30.4469, 29.1189, 29.0484



29.5637, 29.1189, 25.8921



28.1941, 29.1189, 24.3419

Triad

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



29.5637, 29.1189, 25.8921



24.9693, 29.1189, 30.2554



28.6427, 29.1189, 40.0257

Complementary

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



29.5637, 29.1189, 25.8921



28.2868, 31.4348, 40.6532

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.



27.1656, 29.1189, 40.4220



29.5637, 29.1189, 25.8921



25.0798, 29.1189, 34.5200

Square

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



29.5637, 29.1189, 25.8921



25.5644, 29.1189, 26.7078



25.8716, 29.1189, 38.3299



29.9021, 29.1189, 37.2908

Rectangle

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



29.5637, 29.1189, 25.8921



27.2047, 29.1189, 24.3251



25.8716, 29.1189, 38.3299



28.1540, 29.1189, 40.4455

Sweetspot

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



29.5645, 29.1202, 25.8927



61.8610, 63.9638, 66.0523



30.0092, 27.0226, 35.2500



13.7577, 14.1989, 14.5793



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.



29.5645, 29.1202, 25.8927



51.1338, 49.3843, 41.2823



32.2261, 34.4435, 26.7799



7.7043, 7.8887, 7.9059



13.0774, 8.0520, 0.8649



0.3618, 0.2832, 0.0356

Inverse Universe

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



28.2868, 31.4348, 40.6532



48.3484, 54.4207, 73.4313



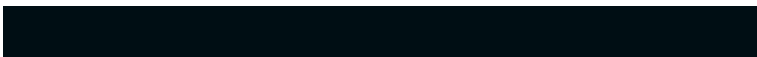
25.6848, 26.2307, 39.7858



7.5584, 8.1537, 9.5938



10.3266, 12.1134, 29.7693



0.2923, 0.3768, 0.7380

Previews

White Background



This preview shows how the XYZ color 29.5637, 29.1189, 25.8921 looks on a white background.

Color Contrast Check

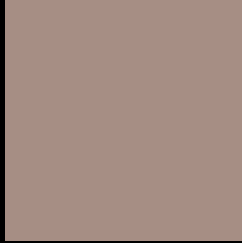
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5637, 29.1189, 25.8921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

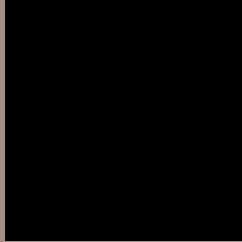
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.5637, 29.1189, 25.8921

Background



This preview shows how black text looks on a background with the XYZ color 29.5637, 29.1189, 25.8921.



This preview shows how white text looks on a background with the XYZ color 29.5637, 29.1189,

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

29.5637, 29.1189, 25.8921

Protanopia

27.8737, 29.3610, 26.7524

Deuteranopia

29.7742, 29.2274, 25.9020



Tritanopia

30.8861, 28.9921, 32.8223

Trichromacy



Original Color

29.5637, 29.1189, 25.8921

Protanomaly

28.4596, 29.2134, 26.3291

Deuteranomaly

29.7742, 29.2274, 25.9020

Tritanomaly

30.2724, 28.9548, 29.9799

Monochromacy



Original Color

29.5637, 29.1189, 25.8921

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.6789, 29.4793, 29.7697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5637, 29.1189, 25.8921 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(166, 142, 132) looks like.

```
.text, #text, p{  
    color:rgb(166, 142, 132)  
}
```

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(166, 142, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 142, 132) }
```

Border

The CSS property to change the border of an element to XYZ 29.5637, 29.1189, 25.8921 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(166, 142, 132) }
```


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

```
.border{ border-color:rgb(166, 142, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 142, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 142, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 142, 132);  
box-shadow:4px 4px 4px 4px rgb(166, 142,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5637, 29.1189, 25.8921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 142, 132) }
```

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

```
.background{ background-color: rgb(166,  
142, 132) }
```

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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