

Converting Colors

XYZ(29.6325, 29.1464, 26.2543)

Have a look what the booklet for
XYZ(29.6325, 29.1464, 26.2543)
contains.

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Color

**XYZ(29.6325, 29.1464,
26.2543)**

Conversions

Conversions Part 1

Format	Color
Hex	A68E85
RGB	166, 142, 133
RGB Percent	65%, 56%, 52%
CMY	0.3490, 0.4431, 0.4784
CMYK	0.00, 0.14, 0.20, 0.35
HSL	16°, 16%, 59%
HSV	16°, 20%, 65%
XYZ	29.6325, 29.1464, 26.2543
YIQ	148.1500, 17.1930, 2.2890

Conversions

Conversions Part 2

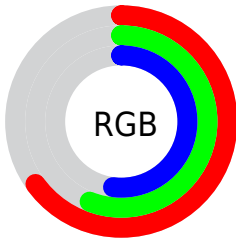
Format	Color
R _Y B	166, 145, 133
Decimal	10915461
CIE Lab	60.91, 7.53, 8.12
CIE LCh	61, 11.072, 47.182
Yxy	29.1464, 0.3485, 0.3428
Android (android.graphics.Color)	4289105541 (0xFFA68E85)
YUV	148.1500, -7.4690, 15.6544
Hunter-Lab	53.9874, 3.4968, 8.9582

Details

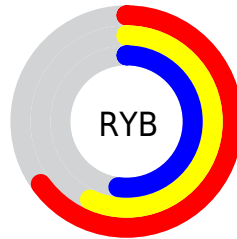
The XYZ color **29.6325, 29.1464, 26.2543** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.6126, 31.8529, 40.7168**, and the grayscale version is **28.2367, 29.7072, 32.3511**.

A 20% lighter version of the original color is **58.4216, 58.3972, 54.6470**, and **12.3668, 11.8718, 10.0272** is the 20% darker color. If you saturate the color by 10%, you get **26.8754, 25.3247, 20.1172**, and if you desaturate by 10%, it is **32.7669, 33.4323, 33.4121**.

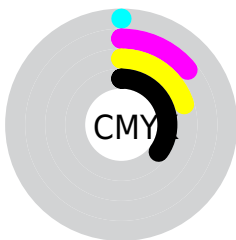
Distribution



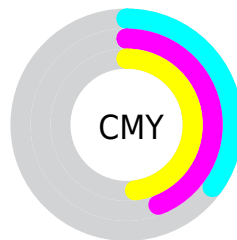
- Red (65%)
- Green (56%)
- Blue (52%)



- 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 29.6325, 29.1464, 26.2543 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 29.6325, 29.1464, 26.2543 by changing the saturation by 10% instead.

■ 29.6325, 29.1464,
26.2543

■ 29.6325, 29.1464,
26.2543

292.1283,
297.9051, 297.6733

■ 19.7065, 19.1916,
16.7865

■ 58.4711, 58.3096,
54.6740

■ 12.2889, 11.8088,
9.9220

■ 78.1145, 78.2868,
74.4630

■ 7.0143, 6.6136,
5.2424

■ 101.7277,
102.3736, 98.5295

■ 3.5175, 3.2217,
2.3289

129.6760,
130.9543, 127.2921

■ 1.4330, 1.2485,
0.7474

162.3249,
164.4135, 161.1692

■ 0.2795, 0.1008,
0.0000

200.0397,

■ 0.0000, 0.0000,

203.1354, 200.5794

0.0000

243.1857,
247.5045, 245.9412

■ 29.6325, 29.1464,
26.2543

■ 29.6325, 29.1464,
26.2543

■ 26.8754, 25.3247,
20.1172

■ 32.7669, 33.4323,
33.4121

■ 24.4788, 21.9476,
14.9523

■ 36.2902, 38.1933,
41.6326

■ 22.4275, 18.9996,
10.7096

■ 40.2163, 43.4451,
50.9575

■ 20.7049, 16.4631,
7.3340

■ 44.5575, 49.2014,
61.4258

■ 19.2925, 14.3190,
4.7647

■ 49.3259, 55.4752,
73.0746

■ 18.1699, 12.5467,
2.9325

■ 54.5329, 62.2792,
85.9394

■ 17.3139, 11.1234,
1.7567

■ 60.1895, 69.6255,
100.0540

■ 16.6821, 10.0176,
1.0601

■ 64.5178, 76.8107,
106.0332

■ 16.6754, 10.0059,
1.0524

■ 68.1623, 84.0997,
107.2481

Harmonies

Analogous

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



30.4401, 29.1464, 29.4446



29.6325, 29.1464, 26.2543



28.3232, 29.1464, 24.5981

Triad

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



29.6325, 29.1464, 26.2543



25.0834, 29.1464, 30.0043



28.5309, 29.1464, 39.9521

Complementary

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



29.6325, 29.1464, 26.2543



28.6126, 31.8529, 40.7168

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.



27.0915, 29.1464, 40.1350



29.6325, 29.1464, 26.2543



25.1347, 29.1464, 34.1422

Square

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



29.6325, 29.1464, 26.2543



25.7162, 29.1464, 26.6333



25.8587, 29.1464, 37.9309



29.7891, 29.1464, 37.4509

Rectangle

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



29.6325, 29.1464, 26.2543



27.3572, 29.1464, 24.4838



25.8587, 29.1464, 37.9309



28.0512, 29.1464, 40.2939

Sweetspot

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



29.6333, 29.1477, 26.2549



61.7934, 63.8286, 66.0298



30.2166, 27.3236, 35.6696



13.7412, 14.1658, 14.5738



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.



29.6333, 29.1477, 26.2549



51.4125, 49.6292, 42.3383



32.2379, 34.3569, 27.1231



7.6915, 7.8630, 7.9016



12.9653, 7.8279, 0.8276



0.3571, 0.2738, 0.0340

Inverse Universe

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



28.6126, 31.8529, 40.7168



49.2045, 55.4705, 73.5888



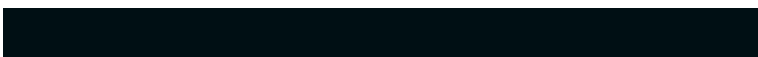
26.0368, 26.7015, 39.8582



7.5719, 8.1807, 9.5983



10.6526, 12.7653, 29.8780



0.2984, 0.3889, 0.7400

Previews

White Background



This preview shows how the XYZ color 29.6325, 29.1464, 26.2543 looks on a white background.

Color Contrast Check

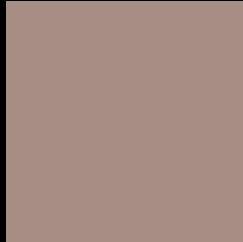
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6325, 29.1464, 26.2543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

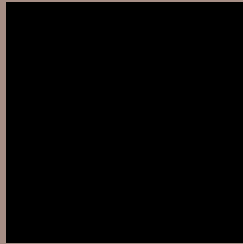
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.6325, 29.1464, 26.2543

Background



This preview shows how black text looks on a background with the XYZ color 29.6325, 29.1464, 26.2543.



This preview shows how white text looks on a background with the XYZ color 29.6325, 29.1464,

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

29.6325, 29.1464, 26.2543

Protanopia

27.7558, 29.2921, 27.1127

Deuteranopia

29.6325, 29.1464, 26.2543



Tritanopia

30.8861, 28.9921, 32.8223

Trichromacy



Original Color

29.6325, 29.1464, 26.2543

Protanomaly

28.3331, 29.1401, 26.6855

Deuteranomaly

29.6325, 29.1464, 26.2543

Tritanomaly

30.3485, 28.9853, 30.3807

Monochromacy



Original Color

29.6325, 29.1464, 26.2543

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.7544, 29.5095, 30.1670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6325, 29.1464, 26.2543 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(166, 142, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 142, 133) }
```

Border

The CSS property to change the border of an element to XYZ 29.6325, 29.1464, 26.2543 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, 133) }
```


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

```
.border{ border-color:rgb(166, 142, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 142, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 142, 133);  
box-shadow:4px 4px 4px 4px rgb(166, 142,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6325, 29.1464, 26.2543 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, 133) }
```

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

```
.background{ background-color: rgb(166,  
142, 133) }
```

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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