

Converting Colors

XYZ(27.0320, 29.1585, 16.2600)

Have a look what the booklet for
XYZ(27.0320, 29.1585, 16.2600)
contains.

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Color

**XYZ(27.0320, 29.1585,
16.2600)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9364
RGB	159, 147, 100
RGB Percent	62%, 58%, 39%
CMY	0.3765, 0.4235, 0.6078
CMYK	0.00, 0.08, 0.37, 0.38
HSL	48°, 24%, 51%
HSV	48°, 37%, 62%
XYZ	27.0320, 29.1585, 16.2600
YIQ	145.2300, 22.2390, -12.0730

Conversions

Conversions Part 2

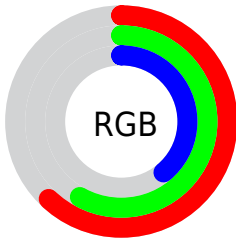
Format	Color
R_{YB}	115, 159, 100
Decimal	10457956
CIE _{Lab}	60.92, -2.74, 26.51
CIE _{LCh}	61, 26.656, 95.907
Yxy	29.1585, 0.3731, 0.4025
Android (android.graphics.Color)	4288648036 (0xFF9F9364)
YUV	145.2300, -22.2984, 12.0763
Hunter-Lab	53.9986, -5.1395, 19.9457

Details

The XYZ color **27.0320, 29.1585, 16.2600** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.3075, 16.8002, 35.1313**, and the grayscale version is **27.0894, 28.5001, 31.0366**.

A 20% lighter version of the original color is **54.4969, 58.4547, 37.6888**, and **10.8384, 11.8615, 4.9671** is the 20% darker color. If you saturate the color by 10%, you get **25.8409, 27.8900, 12.4297**, and if you desaturate by 10%, it is **28.3889, 30.5180, 20.8873**.

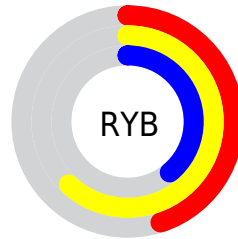
Distribution



Red (62%)

Green (58%)

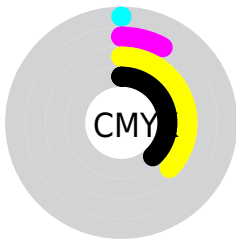
Blue (39%)



Red (45%)

Yellow (62%)

Blue (39%)

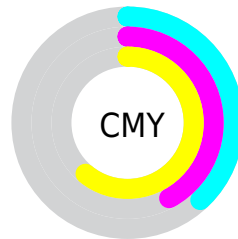


Cyan (0%)

Magenta (8%)

Yellow (37%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0320, 29.1585, 16.2600 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 27.0320, 29.1585, 16.2600 by changing the saturation by 10% instead.

■ 27.0320, 29.1585,
16.2600

■ 27.0320, 29.1585,
16.2600

279.9767,
297.9621, 242.7689

■ 17.7340, 19.2008,
9.5520

■ 54.3547, 58.3288,
37.8220

■ 10.8577, 11.8154,
5.0012

■ 73.1102, 78.3102,
53.5131

■ 6.0378, 6.6181,
2.1892

■ 95.7487, 102.4015,
73.0357

■ 2.9090, 3.2244,
0.6681

■ 122.6359,
130.9873, 96.8082

■ 1.1058, 1.2500,
0.0000

154.1369,
164.4518, 125.2493

■ 0.0300, 0.1020,
0.0000

190.6171,

■ 0.0000, 0.0000,

203.1795, 158.7774

0.0000

232.4420,
247.5548, 197.8111

■ 27.0320, 29.1585,
16.2600

■ 27.0320, 29.1585,
16.2600

■ 25.8409, 27.8900,
12.4297

■ 28.3889, 30.5180,
20.8873

■ 24.8046, 26.7048,
9.3484

■ 29.9176, 31.9680,
26.3522

■ 23.9139, 25.6001,
6.9655

■ 31.6264, 33.5130,
32.6950

■ 23.1579, 24.5713,
5.2236

■ 33.5225, 35.1560,
39.9525

■ 22.5237, 23.6131,
4.0561

■ 35.6125, 36.8999,
48.1595

■ 21.9914, 22.7173,
3.3580

■ 37.9029, 38.7475,
57.3493

■ 21.8452, 22.4652,
3.1849

■ 40.3997, 40.7013,
67.5530

■ 43.1088, 42.7638,
78.8009

■ 46.0356, 44.9374,
91.1216

Harmonies

Analogous

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



30.5335, 29.1585, 17.2832



27.0320, 29.1585, 16.2600



23.9760, 29.1585, 18.6303

Triad

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



27.0320, 29.1585, 16.2600



22.6451, 29.1585, 44.3513



34.2751, 29.1585, 40.2220

Complementary

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



27.0320, 29.1585, 16.2600



17.3075, 16.8002, 35.1313

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.



31.8222, 29.1585, 49.9155



27.0320, 29.1585, 16.2600



25.0742, 29.1585, 52.6271

Square

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



27.0320, 29.1585, 16.2600



21.5829, 29.1585, 33.7599



28.4079, 29.1585, 54.8511



34.9090, 29.1585, 29.8189

Rectangle

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



27.0320, 29.1585, 16.2600



22.5391, 29.1585, 22.1816



28.4079, 29.1585, 54.8511



33.6265, 29.1585, 43.7335

Sweetspot

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



27.0327, 29.1598, 16.2606



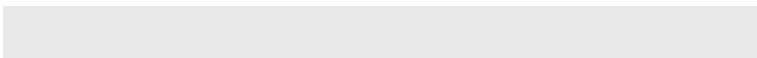
55.3447, 58.8627, 53.6984



21.8238, 17.6729, 17.8202



12.3899, 13.1916, 11.7814



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.0327, 29.1598, 16.2606



46.5303, 50.2247, 23.0431



25.9024, 31.4922, 16.7704



7.0556, 7.4911, 7.0597



17.2841, 17.8039, 2.5255



0.3357, 0.3717, 0.0540

Inverse Universe

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



17.3075, 16.8002, 35.1313



26.4146, 24.6723, 62.1135



18.1135, 15.3802, 34.8147



6.3886, 6.6429, 8.3522



5.3830, 2.8575, 26.1751



0.1221, 0.1029, 0.4766

Previews

White Background



This preview shows how the XYZ color 27.0320, 29.1585, 16.2600 looks on a white background.

Color Contrast Check

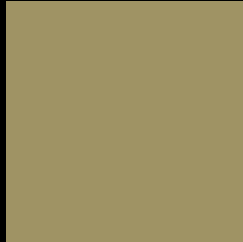
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0320, 29.1585, 16.2600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

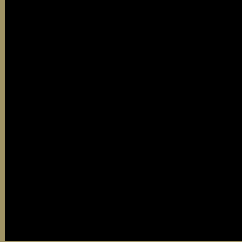
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0320, 29.1585, 16.2600

Background



This preview shows how black text looks on a background with the XYZ color 27.0320, 29.1585, 16.2600.



This preview shows how white text looks on a background with the XYZ color 27.0320, 29.1585,

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

27.0320, 29.1585, 16.2600

Protanopia

27.0320, 29.1585, 16.2600

Deuteranopia

29.7783, 29.2194, 16.3823



Tritanopia

30.6278, 29.2835, 33.3162

Trichromacy



Original Color

27.0320, 29.1585, 16.2600

Protanomaly

27.0320, 29.1585, 16.2600

Deuteranomaly

28.7490, 29.1306, 16.4194

Tritanomaly

29.0916, 29.0974, 25.9129

Monochromacy



Original Color

27.0320, 29.1585, 16.2600

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.8190, 28.6268, 24.8809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0320, 29.1585, 16.2600 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(159, 147, 100)` looks like.

```
.text, #text, p{  
    color:rgb(159, 147, 100)  
}
```

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(159, 147, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 147, 100) }
```

Border

The CSS property to change the border of an element to XYZ 27.0320, 29.1585, 16.2600 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(159, 147, 100) }
```


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

```
.border{ border-color:rgb(159, 147, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 147, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 147, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 147, 100);  
box-shadow:4px 4px 4px 4px rgb(159, 147,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0320, 29.1585, 16.2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 147, 100) }
```

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

```
.background{ background-color: rgb(159,  
147, 100) }
```

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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