

Converting Colors

XYZ(27.9364, 32.6980, 15.7815)

Have a look what the booklet for
XYZ(27.9364, 32.6980, 15.7815)
contains.

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Color

**XYZ(27.9628, 32.8379,
15.6910)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA05F
RGB	154, 160, 95
RGB Percent	60%, 63%, 37%
CMY	0.3961, 0.3725, 0.6274
CMYK	0.04, 0.00, 0.41, 0.37
HSL	66°, 25%, 50%
HSV	66°, 41%, 63%
XYZ	27.9628, 32.8379, 15.6910
YIQ	150.7960, 17.2890, -21.4870

Conversions

Conversions Part 2

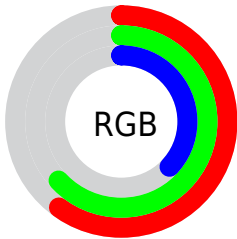
Format	Color
RYB	95, 160, 101
Decimal	10133599
CIELab	64.03, -12.41, 33.13
CIELCh	64, 35.374, 110.536
Yxy	32.8379, 0.3656, 0.4293
Android (android.graphics.Color)	4288323679 (0xFF9AA05F)
YUV	150.7960, -27.5074, 2.8099
Hunter-Lab	57.3044, -13.1800, 23.8783

Details

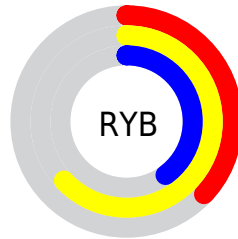
The XYZ color **27.9628, 32.8379, 15.6910** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.8054, 13.4900, 35.0305**, and the grayscale version is **29.4376, 30.9706, 33.7270**.

A 20% lighter version of the original color is **55.7832, 64.2315, 36.6520**, and **11.4612, 13.9673, 4.7812** is the 20% darker color. If you saturate the color by 10%, you get **27.0297, 32.4335, 12.2331**, and if you desaturate by 10%, it is **29.0504, 33.3068, 19.9373**.

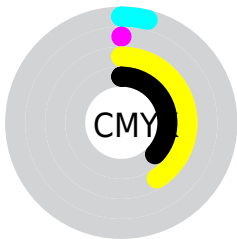
Distribution



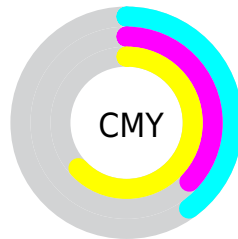
- Red (60%)
- Green (63%)
- Blue (37%)



- Red (37%)
- Yellow (63%)
- Blue (40%)



- Cyan (4%)
- Magenta (0%)
- Yellow (41%)
- Black (37%)



- Cyan (40%)
- Magenta (37%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9628, 32.8379, 15.6910 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 27.9628, 32.8379, 15.6910 by changing the saturation by 10% instead.

■ 27.9628, 32.8379,
15.6910

■ 27.9628, 32.8379,
15.6910

284.3724,
314.9187, 239.2945

■ 18.4379, 22.0023,
9.1538

■ 55.8341, 64.1224,
36.8202

■ 11.3664, 13.8586,
4.7434

■ 74.9112, 85.3400,
52.2493

■ 6.3830, 8.0224,
2.0414

■ 97.9032, 110.7871,
71.4794

■ 3.1222, 4.1093,
0.5806

■ 125.1753,
140.8481, 94.9291

■ 1.2187, 1.7349,
0.0000

157.0929,
175.9074, 123.0170

■ 0.1211, 0.4461,
0.0000

194.0214,

■ 0.0000, 0.0000,

216.3493, 156.1614

0.0000

236.3261,
262.5583, 194.7811

■ 27.9628, 32.8379,
15.6910

■ 27.9628, 32.8379,
15.6910

■ 27.0297, 32.4335,
12.2331

■ 29.0504, 33.3068,
19.9373

■ 26.2394, 32.0855,
9.5129

■ 30.2985, 33.8391,
25.0143

■ 25.5826, 31.7913,
7.4774

■ 31.7158, 34.4396,
30.9637

■ 25.0475, 31.5461,
6.0652

■ 33.3095, 35.1109,
37.8240

■ 24.6206, 31.3446,
5.2044

■ 35.0864, 35.8560,
45.6311

■ 24.2882, 31.1833,
4.7388

■ 37.0532, 36.6775,
54.4193

■ 39.2159, 37.5777,
64.2209

■ 41.5805, 38.5591,
75.0668

■ 44.1526, 39.6238,
86.9868

Harmonies

Analogous

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



32.8169, 32.8379, 14.9112



27.9628, 32.8379, 15.6910



24.3699, 32.8379, 20.9701

Triad

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



27.9628, 32.8379, 15.6910



25.4978, 32.8379, 61.4640



41.6729, 32.8379, 40.4695

Complementary

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



27.9628, 32.8379, 15.6910



15.8054, 13.4900, 35.0305

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.



39.2267, 32.8379, 56.2355



27.9628, 32.8379, 15.6910



29.6592, 32.8379, 70.3170

Square

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



27.9628, 32.8379, 15.6910



23.0556, 32.8379, 46.2952



34.7024, 32.8379, 68.1832



41.0942, 32.8379, 26.9497

Rectangle

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



27.9628, 32.8379, 15.6910



23.0054, 32.8379, 27.3525



34.7024, 32.8379, 68.1832



41.1681, 32.8379, 45.7227

Sweetspot

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



27.9636, 32.8394, 15.6917



57.1489, 62.3451, 54.3735



21.1611, 17.4951, 13.0885



12.4639, 13.6437, 11.6300



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.



27.9636, 32.8394, 15.6917



49.1822, 58.9333, 22.5942



22.6754, 30.1132, 15.4442



7.1097, 7.6892, 7.0951



18.9386, 24.2999, 3.6922



0.3544, 0.4426, 0.0668

Inverse Universe

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



15.8054, 13.4900, 35.0305



23.9578, 18.7693, 62.7467



20.0981, 15.7030, 35.2314



6.3388, 6.4631, 8.3201



5.1116, 2.0641, 26.0362



0.1061, 0.0445, 0.4662

Previews

White Background



This preview shows how the XYZ color 27.9628, 32.8379, 15.6910 looks on a white background.

Color Contrast Check

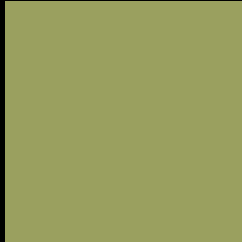
Large Text (above 18pt) WCAG AA × Fail

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 27.9628, 32.8379, 15.6910 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 ✓ Pass

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

XYZ 27.9628, 32.8379, 15.6910

Background



This preview shows how black text looks on a background with the XYZ color 27.9628, 32.8379, 15.6910.



This preview shows how white text looks on a background with the XYZ color 27.9628, 32.8379,

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

27.9628, 32.8379, 15.6910

Protanopia

30.2747, 32.7791, 15.0873

Deuteranopia

33.2880, 32.6264, 16.0983



Tritanopia

32.8294, 32.8182, 39.7262

Trichromacy



Original Color

27.9628, 32.8379, 15.6910

Protanomaly

29.3872, 32.8146, 15.3747

Deuteranomaly

31.0651, 32.4335, 15.9322

Tritanomaly

30.6796, 32.6777, 29.1165

Monochromacy



Original Color

27.9628, 32.8379, 15.6910

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.6012, 31.4253, 26.0310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9628, 32.8379, 15.6910 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(154, 160, 95)` looks like.

```
.text, #text, p{  
    color:rgb(154, 160, 95)  
}
```

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(154, 160, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 160, 95) }
```

Border

The CSS property to change the border of an element to XYZ 27.9628, 32.8379, 15.6910 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(154, 160, 95) }
```


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

```
.border{ border-color:rgb(154, 160, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 160, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 160, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 160, 95);  
box-shadow:4px 4px 4px 4px rgb(154, 160,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9628, 32.8379, 15.6910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 160, 95) }
```

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

```
.background{ background-color: rgb(154,  
160, 95) }
```

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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