

Converting Colors

XYZ(29.8987, 29.5577, 30.3680)

Have a look what the booklet for
XYZ(29.8987, 29.5577, 30.3680)
contains.

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Color

**XYZ(29.9076, 29.6415,
30.5306)**

Conversions

Conversions Part 1

Format	Color
Hex	A29090
RGB	162, 144, 144
RGB Percent	64%, 56%, 56%
CMY	0.3647, 0.4353, 0.4353
CMYK	0.00, 0.11, 0.11, 0.36
HSL	0°, 9%, 60%
HSV	0°, 11%, 64%
XYZ	29.9076, 29.6415, 30.5306
YIQ	149.3820, 10.7280, 3.8160

Conversions

Conversions Part 2

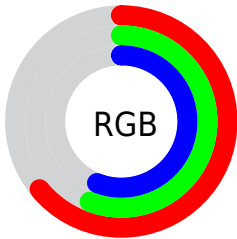
Format	Color
R_{YB}	162, 144, 144
Decimal	10653840
CIE Lab	61.34, 6.70, 2.45
CIE LCh	61, 7.137, 20.046
Yxy	29.6415, 0.3320, 0.3291
Android (android.graphics.Color)	4288843920 (0xFFA29090)
YUV	149.3820, -2.6533, 11.0660
Hunter-Lab	54.4440, 2.7780, 4.8627

Details

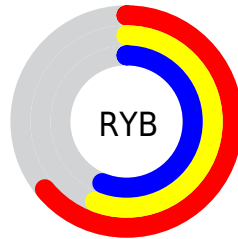
The XYZ color **29.9076, 29.6415, 30.5306** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.9434, 34.3780, 39.1875**, and the grayscale version is **28.7363, 30.2328, 32.9236**.

A 20% lighter version of the original color is **59.0024, 59.2171, 61.7464**, and **12.4535, 12.1286, 12.2743** is the 20% darker color. If you saturate the color by 10%, you get **26.4776, 24.6226, 23.7105**, and if you desaturate by 10%, it is **33.8690, 35.4381, 38.4051**.

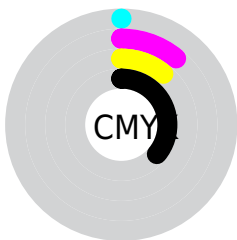
Distribution



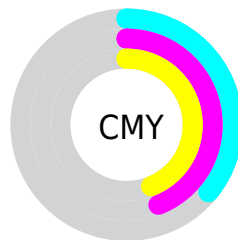
- Red (64%)
- Green (56%)
- Blue (56%)



- Red (64%)
- Yellow (56%)
- Blue (56%)



- Cyan (0%)
- Magenta (11%)
- Yellow (11%)
- Black (36%)



- Cyan (36%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9076, 29.6415, 30.5306 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 29.9076, 29.6415, 30.5306 by changing the saturation by 10% instead.

■ 29.9076, 29.6415,
30.5306

■ 29.9076, 29.6415,
30.5306

293.3911,
300.2298, 318.6539

■ 19.9162, 19.5666,
19.9862

■ 58.9037, 59.0948,
61.5712

■ 12.4420, 12.0804,
12.2010

■ 78.6390, 79.2420,
82.9044

■ 7.1198, 6.7985,
6.7566

102.3531,
103.5154, 108.6711

■ 3.5841, 3.3364,
3.2342

130.4111,
132.2994, 139.2897

■ 1.4697, 1.3098,
1.2154

163.1786,
165.9785, 175.1787

■ 0.3051, 0.1488,
0.0000

201.0209,

■ 0.0000, 0.0000,

204.9370, 216.7567

0.0000

244.3032,
249.5593, 264.4423

■ 29.9076, 29.6415,
30.5306

■ 29.9076, 29.6415,
30.5306

■ 26.4776, 24.6226,
23.7105

■ 33.8690, 35.4381,
38.4051

■ 23.5540, 20.3447,
17.8984

■ 38.3803, 42.0393,
47.3742

■ 21.1137, 16.7738,
13.0471

■ 43.4625, 49.4756,
57.4782

■ 19.1305, 13.8718,
9.1047

■ 49.1344, 57.7748,
68.7547

■ 17.5761, 11.5972,
6.0148

■ 55.4141, 66.9634,
81.2398

■ 16.4188, 9.9037,
3.7145

■ 62.3189, 77.0667,
94.9678

■ 15.6227, 8.7386,
2.1322

■ 68.7105, 86.4215,
107.6673

■ 15.1453, 8.0399,
1.1835

■ 14.9008, 7.6820,
0.6974

Harmonies

Analogous

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



29.9934, 29.6415, 33.1786



29.9076, 29.6415, 30.5306



29.3514, 29.6415, 28.4629

Triad

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



29.9076, 29.6415, 30.5306



26.8089, 29.6415, 29.0598



27.8617, 29.6415, 37.6525

Complementary

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



29.9076, 29.6415, 30.5306



30.9434, 34.3780, 39.1875

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.



27.0273, 29.6415, 36.4122



29.9076, 29.6415, 30.5306



26.4285, 29.6415, 31.3871

Square

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



29.9076, 29.6415, 30.5306



27.5576, 29.6415, 27.6470



26.5075, 29.6415, 34.0837



28.7982, 29.6415, 37.3916

Rectangle

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



29.9076, 29.6415, 30.5306



28.7954, 29.6415, 27.6444



26.5075, 29.6415, 34.0837



27.5604, 29.6415, 37.3948

Sweetspot

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



29.9084, 29.6428, 30.5312



60.0099, 62.1744, 66.7860



31.3955, 30.2369, 38.3644



13.3464, 13.7717, 14.7384



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.



29.9084, 29.6428, 30.5312



52.8861, 51.7506, 52.6234



31.3260, 32.4779, 31.0037



7.0739, 7.0861, 7.3750



11.7391, 6.0521, 0.5495



0.2467, 0.1272, 0.0116

Inverse Universe

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



30.9434, 34.3780, 39.1875



55.0942, 61.8528, 71.0911



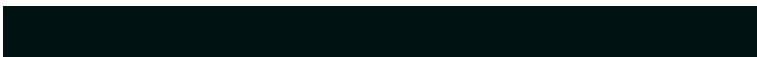
29.4148, 31.3208, 38.6780



7.2760, 8.0111, 9.0659



15.3132, 22.4058, 30.4474



0.3218, 0.4709, 0.6398

Previews

White Background



This preview shows how the XYZ color 29.9076, 29.6415, 30.5306 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 29.9076, 29.6415, 30.5306 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 29.9076, 29.6415, 30.5306

Background



This preview shows how black text looks on a background with the XYZ color 29.9076, 29.6415, 30.5306.



This preview shows how white text looks on a background with the XYZ color 29.9076, 29.6415,

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

29.9076, 29.6415, 30.5306

Protanopia

28.3845, 29.5221, 31.3964

Deuteranopia

30.1663, 29.5511, 30.4995



Tritanopia

30.7595, 29.7645, 34.6958

Trichromacy



Original Color

29.9076, 29.6415, 30.5306

Protanomaly

28.9073, 29.5707, 30.9722

Deuteranomaly

29.9608, 29.4451, 30.4899

Tritanomaly

30.4317, 29.6335, 32.9701

Monochromacy



Original Color

29.9076, 29.6415, 30.5306

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.0266, 29.8440, 31.8344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9076, 29.6415, 30.5306 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(162, 144, 144)` looks like.

```
.text, #text, p{  
    color:rgb(162, 144, 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(162, 144, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 144, 144) }
```

Border

The CSS property to change the border of an element to XYZ 29.9076, 29.6415, 30.5306 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(162, 144, 144) }
```


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

```
.border{ border-color:rgb(162, 144, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 144, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 144, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 144, 144);  
box-shadow:4px 4px 4px 4px rgb(162, 144,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9076, 29.6415, 30.5306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 144, 144) }
```

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

```
.background{ background-color: rgb(162,  
144, 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](#).

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