

Converting Colors

XYZ(28.6532, 29.2652, 32.1139)

Have a look what the booklet for
XYZ(28.6532, 29.2652, 32.1139)
contains.

XYZ(28.6076, 29.1612, 32.1379)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.6076, 29.1612,
32.1379)**

Conversions

Conversions Part 1

Format	Color
Hex	999194
RGB	153, 145, 148
RGB Percent	60%, 57%, 58%
CMY	0.4000, 0.4314, 0.4196
CMYK	0.00, 0.05, 0.03, 0.40
HSL	338°, 4%, 58%
HSV	338°, 5%, 60%
XYZ	28.6076, 29.1612, 32.1379
YIQ	147.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

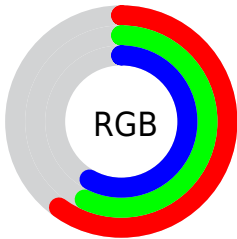
Format	Color
R_{YB}	153, 145, 148
Decimal	10064276
CIE Lab	60.92, 3.51, -0.54
CIE LCh	61, 3.555, 351.333
Yxy	29.1612, 0.3182, 0.3243
Android (android.graphics.Color)	4288254356 (0xFF999194)
YUV	147.7340, 0.1311, 4.6183
Hunter-Lab	54.0011, 0.0601, 2.5153

Details

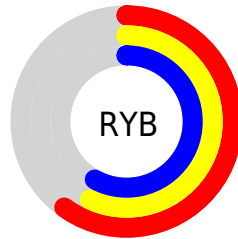
The XYZ color **28.6076, 29.1612, 32.1379** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.5744, 31.0051, 33.3342**, and the grayscale version is **28.0366, 29.4967, 32.1219**.

A 20% lighter version of the original color is **56.8162, 58.3765, 64.1504**, and **11.7294, 11.8723, 12.9826** is the 20% darker color. If you saturate the color by 10%, you get **25.6994, 24.5065, 27.5861**, and if you desaturate by 10%, it is **31.8949, 34.4732, 37.1255**.

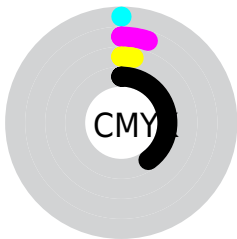
Distribution



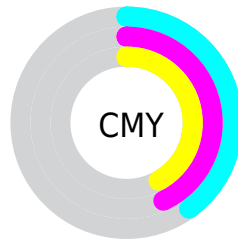
- Red (60%)
- Green (57%)
- Blue (58%)



- Red (60%)
- Yellow (57%)
- Blue (58%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (40%)



- Cyan (40%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6076, 29.1612, 32.1379 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 28.6076, 29.1612, 32.1379 by changing the saturation by 10% instead.

■ 28.6076, 29.1612,
32.1379

■ 28.6076, 29.1612,
32.1379

287.3867,
297.9748, 326.2590

■ 18.9270, 19.2028,
21.2012

■ 56.8549, 58.3331,
64.1276

■ 11.7212, 11.8169,
13.0784

■ 76.1524, 78.3154,
86.0177

■ 6.6250, 6.6191,
7.3512

99.3861, 102.4078,
112.3960

■ 3.2729, 3.2251,
3.6010

126.9215,
130.9946, 143.6809

■ 1.2997, 1.2503,
1.4091

159.1239,
164.4604, 180.2912

■ 0.1830, 0.1023,
0.1488

196.3586,

■ 0.0000, 0.0000,

203.1894, 222.6453

0.0000

238.9911,
247.5661, 271.1617

■ 28.6076, 29.1612,
32.1379

■ 28.6076, 29.1612,
32.1379

■ 25.6994, 24.5065,
27.5861

■ 31.8949, 34.4732,
37.1255

■ 23.1538, 20.4798,
23.4562

■ 35.5721, 40.4629,
42.5586

■ 20.9568, 17.0549,
19.7362

■ 39.6527, 47.1544,
48.4490

■ 19.0924, 14.2027,
16.4125

■ 44.1485, 54.5697,
54.8075

■ 17.5434, 11.8912,
13.4712

■ 49.0712, 62.7297,
61.6443

■ 16.2909, 10.0857,
10.8972

■ 54.4318, 71.6544,
68.9694

■ 15.3139, 8.7471,
8.6741

■ 60.2409, 81.3631,
76.7927

■ 14.5884, 7.8306,
6.7843

■ 62.4231, 83.7028,
83.7616

■ 14.0834, 7.2778,
5.2071

■ 63.7615, 84.2382,
90.8097

Harmonies

Analogous

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



28.4188, 29.1612, 33.3738



28.6076, 29.1612, 32.1379



28.5556, 29.1612, 30.8317

Triad

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



28.6076, 29.1612, 32.1379



27.3938, 29.1612, 29.4321



27.1635, 29.1612, 33.7873

Complementary

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



28.6076, 29.1612, 32.1379



28.5744, 31.0051, 33.3342

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.



26.8946, 29.1612, 32.6896



28.6076, 29.1612, 32.1379



27.0265, 29.1612, 30.1828

Square

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



28.6076, 29.1612, 32.1379



27.8514, 29.1612, 29.2937



26.8448, 29.1612, 31.3684



27.5827, 29.1612, 34.3433

Rectangle

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



28.6076, 29.1612, 32.1379



28.3917, 29.1612, 30.0949



26.8448, 29.1612, 31.3684



27.0528, 29.1612, 33.4680

Sweetspot

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



28.6084, 29.1625, 32.1385



53.0352, 55.1281, 60.3169



28.4416, 29.0297, 34.2418



11.7267, 12.1986, 13.3430



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



28.6084, 29.1625, 32.1385



50.7421, 51.4356, 56.7975



28.5173, 29.3551, 30.9526



6.4905, 6.5651, 7.2549



11.4901, 5.8503, 3.8397



0.1885, 0.0942, 0.1455

Inverse Universe

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



28.6084, 29.1625, 32.1385



50.7421, 51.4356, 56.7975



28.6669, 30.7986, 34.5713



6.4905, 6.5651, 7.2549



11.4901, 5.8503, 3.8397



0.1885, 0.0942, 0.1455

Previews

White Background



This preview shows how the XYZ color 28.6076, 29.1612, 32.1379 looks on a white background.

Color Contrast Check

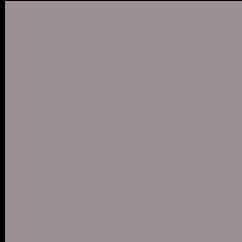
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6076, 29.1612, 32.1379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

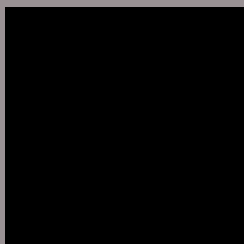
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6076, 29.1612, 32.1379

Background



This preview shows how black text looks on a background with the XYZ color 28.6076, 29.1612, 32.1379.



This preview shows how white text looks on a background with the XYZ color 28.6076, 29.1612,

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

28.6076, 29.1612, 32.1379

Protanopia

28.0981, 29.1173, 32.5730

Deuteranopia

29.5950, 28.9895, 32.4695



Tritanopia

29.2161, 29.1831, 35.1034

Trichromacy



Original Color

28.6076, 29.1612, 32.1379

Protanomaly

28.2814, 29.2117, 32.5816

Deuteranomaly

29.1519, 28.9829, 32.4916

Tritanomaly

28.9672, 29.0835, 33.7927

Monochromacy



Original Color

28.6076, 29.1612, 32.1379

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.3567, 29.4896, 32.2145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6076, 29.1612, 32.1379 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(153, 145, 148)` looks like.

```
.text, #text, p{  
    color:rgb(153, 145, 148)  
}
```

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(153, 145, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 145, 148) }
```

Border

The CSS property to change the border of an element to XYZ 28.6076, 29.1612, 32.1379 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(153, 145, 148) }
```


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

```
.border{ border-color:rgb(153, 145, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 145, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 145, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 145, 148);  
box-shadow:4px 4px 4px 4px rgb(153, 145,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6076, 29.1612, 32.1379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 145, 148) }
```

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

```
.background{ background-color: rgb(153,  
145, 148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor