

Converting Colors

XYZ(29.0952, 27.2240, 32.7041)

Have a look what the booklet for
XYZ(29.0952, 27.2240, 32.7041)
contains.

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Color

**XYZ(29.0693, 27.2113,
32.5744)**

Conversions

Conversions Part 1

Format	Color
Hex	A28796
RGB	162, 135, 150
RGB Percent	64%, 53%, 59%
CMY	0.3647, 0.4706, 0.4118
CMYK	0.00, 0.17, 0.07, 0.36
HSL	327°, 13%, 58%
HSV	327°, 17%, 64%
XYZ	29.0693, 27.2113, 32.5744
YIQ	144.7830, 11.2770, 10.3890

Conversions

Conversions Part 2

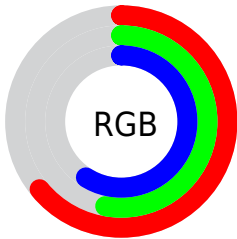
Format	Color
R_{YB}	162, 135, 150
Decimal	10651542
CIE _{Lab}	59.17, 12.87, -4.16
CIE _{LCh}	59, 13.525, 342.084
Yxy	27.2113, 0.3272, 0.3062
Android (android.graphics.Color)	4288841622 (0xFFA28796)
YUV	144.7830, 2.5720, 15.0993
Hunter-Lab	52.1645, 8.1836, -0.5089

Details

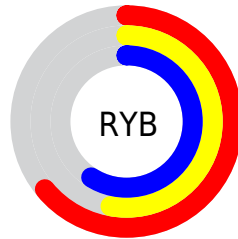
The XYZ color **29.0693, 27.2113, 32.5744** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.1795, 33.0989, 32.5088**, and the grayscale version is **26.8129, 28.2093, 30.7199**.

A 20% lighter version of the original color is **57.4976, 55.0778, 64.7274**, and **11.9310, 10.7128, 13.2433** is the 20% darker color. If you saturate the color by 10%, you get **26.4168, 22.8056, 28.9170**, and if you desaturate by 10%, it is **32.1030, 32.3216, 36.5354**.

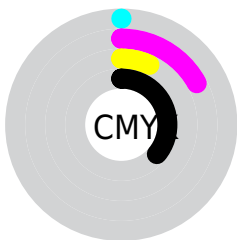
Distribution



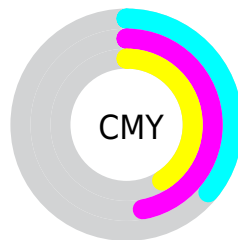
- Red (64%)
- Green (53%)
- Blue (59%)



- Red (64%)
- Yellow (53%)
- Blue (59%)



- Cyan (0%)
- Magenta (17%)
- Yellow (7%)
- Black (36%)



- Cyan (36%)
- Magenta (47%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0693, 27.2113, 32.5744 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 29.0693, 27.2113, 32.5744 by changing the saturation by 10% instead.

■ 29.0693, 27.2113,
32.5744

■ 29.0693, 27.2113,
32.5744

289.5301,
288.6787, 328.3006

■ 19.2778, 17.7320,
21.5322

■ 57.5840, 55.2228,
64.8188

■ 11.9764, 10.7577,
13.3185

■ 77.0378, 74.5237,
86.8581

■ 6.7997, 5.9042,
7.5150

■ 100.4432, 97.8672,
113.4001

■ 3.3823, 2.7869,
3.7029

128.1655,
125.6379, 144.8635

■ 1.3590, 1.0215,
1.4638

160.5699,
158.2199, 181.6666

■ 0.2268, 0.0000,
0.1907

198.0219,

■ 0.0000, 0.0000,

195.9978, 224.2282

0.0000

240.8869,
239.3560, 272.9666

■ 29.0693, 27.2113,
32.5744

■ 29.0693, 27.2113,
32.5744

■ 26.4168, 22.8056,
28.9170

■ 32.1030, 32.3216,
36.5354

■ 24.1269, 19.0695,
25.5528

■ 35.5306, 38.1620,
40.8062

■ 22.1832, 15.9707,
22.4735

■ 39.3672, 44.7615,
45.3952

■ 20.5667, 13.4726,
19.6694

■ 43.6263, 52.1461,
50.3098

■ 19.2569, 11.5350,
17.1303

■ 48.3209, 60.3407,
55.5571

■ 18.2305, 10.1124,
14.8449

■ 53.4632, 69.3692,
61.1441

■ 17.4606, 9.1525,
12.8006

■ 59.0652, 79.2544,
67.0774

■ 16.9082, 8.5784,
10.9807

■ 61.9973, 83.7362,
72.3164

■ 16.7457, 8.4196,
10.4140

■ 62.9015, 84.0979,
77.0777

Harmonies

Analogous

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



28.0955, 27.2113, 37.0594



29.0693, 27.2113, 32.5744



29.1616, 27.2113, 27.7287

Triad

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



29.0693, 27.2113, 32.5744



25.1914, 27.2113, 21.4524



23.5335, 27.2113, 36.2902

Complementary

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



29.0693, 27.2113, 32.5744



28.1795, 33.0989, 32.5088

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.



22.8240, 27.2113, 31.6131



29.0693, 27.2113, 32.5744



23.7530, 27.2113, 23.2638

Square

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



29.0693, 27.2113, 32.5744



26.8727, 27.2113, 21.6499



22.9026, 27.2113, 26.8658



24.8800, 27.2113, 39.3598

Rectangle

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



29.0693, 27.2113, 32.5744



28.7058, 27.2113, 24.9696



22.9026, 27.2113, 26.8658



23.2153, 27.2113, 34.8336

Sweetspot

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



29.0701, 27.2125, 32.5750



59.2089, 60.2522, 67.5062



27.1655, 26.1132, 37.7915



13.2086, 13.3806, 15.0483



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.



29.0701, 27.2125, 32.5750



50.9054, 46.2831, 56.6061



28.0663, 26.8110, 27.2889



7.2307, 7.1487, 8.2014



13.2144, 6.6418, 8.3198



0.3010, 0.1489, 0.2976

Inverse Universe

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



29.0701, 27.2125, 32.5750



50.9054, 46.2831, 56.6061



29.2756, 33.5373, 38.2804



7.2307, 7.1487, 8.2014



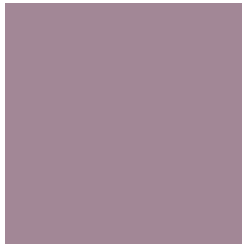
13.2144, 6.6418, 8.3198



0.3010, 0.1489, 0.2976

Previews

White Background



This preview shows how the XYZ color 29.0693, 27.2113, 32.5744 looks on a white background.

Color Contrast Check

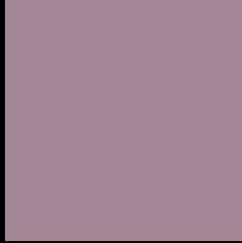
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0693, 27.2113, 32.5744 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

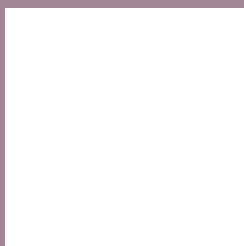
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0693, 27.2113, 32.5744

Background



This preview shows how black text looks on a background with the XYZ color 29.0693, 27.2113, 32.5744.



This preview shows how white text looks on a background with the XYZ color 29.0693, 27.2113,

32.5744.

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

29.0693, 27.2113, 32.5744

Protanopia

26.6611, 27.4299, 34.4612

Deuteranopia

27.6502, 27.1192, 32.2110



Tritanopia

28.6904, 27.2607, 30.9438

Trichromacy



Original Color

29.0693, 27.2113, 32.5744

Protanomaly

27.3768, 27.1547, 33.9355

Deuteranomaly

28.0808, 27.1292, 32.1902

Tritanomaly

28.7686, 27.2920, 31.3554

Monochromacy



Original Color

29.0693, 27.2113, 32.5744

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.5538, 27.7356, 31.5050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0693, 27.2113, 32.5744 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, 135, 150)` looks like.

```
.text, #text, p{  
    color:rgb(162, 135, 150)  
}
```

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, 135, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 135, 150) }
```

Border

The CSS property to change the border of an element to XYZ 29.0693, 27.2113, 32.5744 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, 135, 150) }
```


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

```
.border{ border-color:rgb(162, 135, 150) }
```

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

Here you see how a box with a 4 pixel rgb(162, 135, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 135, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 135, 150);  
box-shadow:4px 4px 4px 4px rgb(162, 135,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0693, 27.2113, 32.5744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 135, 150) }
```

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

```
.background{ background-color: rgb(162,  
135, 150) }
```

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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