

Converting Colors

XYZ(27.3075, 29.2024, 32.0182)

Have a look what the booklet for
XYZ(27.3075, 29.2024, 32.0182)
contains.

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Color

**XYZ(27.2629, 29.1576,
32.2080)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9494
RGB	143, 148, 148
RGB Percent	56%, 58%, 58%
CMY	0.4392, 0.4196, 0.4196
CMYK	0.03, 0.00, 0.00, 0.42
HSL	180°, 2%, 57%
HSV	180°, 3%, 58%
XYZ	27.2629, 29.1576, 32.2080
YIQ	146.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

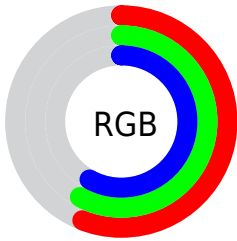
Format	Color
RYB	143, 146, 148
Decimal	9409684
CIELab	60.92, -1.81, -0.64
CIElCh	61, 1.916, 199.450
Yxy	29.1576, 0.3076, 0.3290
Android (android.graphics.Color)	4287599764 (0xFF8F9494)
YUV	146.5050, 0.7370, -3.0739
Hunter-Lab	53.9978, -4.3734, 2.4338

Details

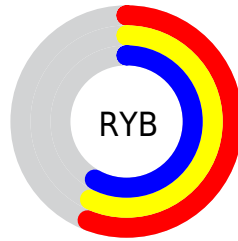
The XYZ color **27.2629, 29.1576, 32.2080** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9942, 27.9248, 29.9554**, and the grayscale version is **27.5276, 28.9612, 31.5388**.

A 20% lighter version of the original color is **54.8072, 58.3756, 64.2561**, and **10.9466, 11.7396, 12.9983** is the 20% darker color. If you saturate the color by 10%, you get **24.8675, 27.9236, 32.0932**, and if you desaturate by 10%, it is **29.9980, 30.5683, 32.3399**.

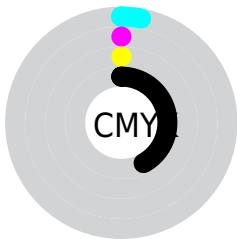
Distribution



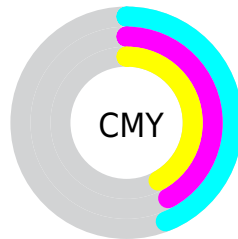
- Red (56%)
- Green (58%)
- Blue (58%)



- Red (56%)
- Yellow (57%)
- Blue (58%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (42%)



- Cyan (44%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2629, 29.1576, 32.2080 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 27.2629, 29.1576, 32.2080 by changing the saturation by 10% instead.

■ 27.2629, 29.1576,
32.2080

■ 27.2629, 29.1576,
32.2080

281.0722,
297.9578, 326.5875

■ 17.9084, 19.2001,
21.2543

■ 54.7224, 58.3274,
64.2387

■ 10.9835, 11.8149,
13.1170

■ 73.5580, 78.3084,
86.1528

■ 6.1230, 6.6178,
7.3775

■ 96.2848, 102.3995,
112.5574

■ 2.9614, 3.2242,
3.6173

123.2679,
130.9848, 143.8711

■ 1.1334, 1.2499,
1.4178

154.8729,
164.4490, 180.5125

■ 0.0528, 0.1019,
0.1556

191.4650,

■ 0.0000, 0.0000,

203.1762, 222.8999

0.0000

233.4097,
247.5511, 271.4521

■ 27.2629, 29.1576,
32.2080

■ 27.2629, 29.1576,
32.2080

■ 24.8675, 27.9236,
32.0932

■ 29.9980, 30.5683,
32.3399

■ 22.7963, 26.8559,
31.9930

■ 33.0828, 32.1585,
32.4876

■ 21.0359, 25.9485,
31.9073

■ 36.5298, 33.9355,
32.6522

■ 19.5716, 25.1937,
31.8354

■ 40.3503, 35.9049,
32.8343

■ 18.3869, 24.5830,
31.7767

■ 44.5552, 38.0725,
33.0344

■ 17.4641, 24.1074,
31.7302

■ 49.1545, 40.4435,
33.2529

■ 16.7833, 23.7565,
31.6950

■ 54.1584, 43.0230,
33.4904

■ 16.3219, 23.5187,
31.6702

■ 57.1809, 44.5811,
33.6352

■ 16.0528, 23.3801,
31.6543

■ 57.1815, 44.5814,
33.6385

Harmonies

Analogous

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



27.2438, 29.1576, 31.4964



27.2629, 29.1576, 32.2080



27.4023, 29.1576, 32.8046

Triad

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



27.2629, 29.1576, 32.2080



28.0801, 29.1576, 32.6505



27.8015, 29.1576, 30.4142

Complementary

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



27.2629, 29.1576, 32.2080



26.9942, 27.9248, 29.9554

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.



28.0269, 29.1576, 30.7137



27.2629, 29.1576, 32.2080



28.1884, 29.1576, 32.0003

Square

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



27.2629, 29.1576, 32.2080



27.8737, 29.1576, 33.0627



28.1689, 29.1576, 31.2917



27.5538, 29.1576, 30.4679

Rectangle

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



27.2629, 29.1576, 32.2080



27.5451, 29.1576, 33.0535



28.1689, 29.1576, 31.2917



27.8824, 29.1576, 30.4767

Sweetspot

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



27.2637, 29.1588, 32.2086



49.1869, 52.0053, 56.8796



26.8908, 29.0113, 30.1695



11.2351, 11.8752, 12.9847



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



27.2637, 29.1588, 32.2086



47.7879, 51.2842, 56.8123



26.8886, 28.4082, 32.0847



6.2238, 6.6961, 7.4338



13.6059, 19.9151, 27.0298



0.1666, 0.2438, 0.3310

Inverse Universe

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



26.9942, 27.9248, 29.9554



47.2166, 48.6679, 52.0354



27.3610, 28.6585, 30.0766



6.1397, 6.3113, 6.7312



10.4321, 5.3779, 0.4903



0.1277, 0.0658, 0.0061

Previews

White Background



This preview shows how the XYZ color 27.2629, 29.1576, 32.2080 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 27.2629, 29.1576, 32.2080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

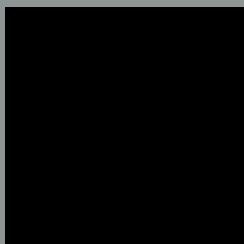
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

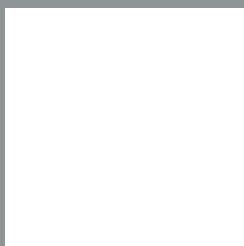
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2629, 29.1576, 32.2080

Background



This preview shows how black text looks on a background with the XYZ color 27.2629, 29.1576, 32.2080.



This preview shows how white text looks on a background with the XYZ color 27.2629, 29.1576, 32.2080.

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

27.2629, 29.1576, 32.2080

Protanopia

27.9398, 29.0539, 31.7391

Deuteranopia

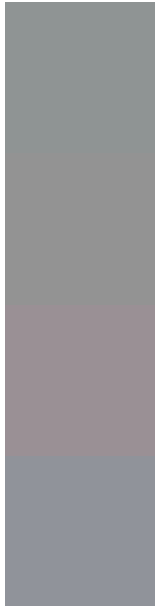
29.5950, 28.9895, 32.4695



Tritanopia

28.1275, 29.0461, 36.4717

Trichromacy



Original Color

27.2629, 29.1576, 32.2080

Protanomaly

27.7328, 29.1771, 31.7738

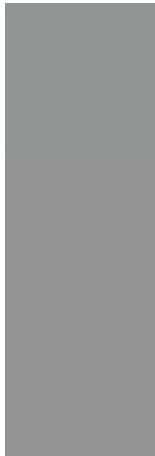
Deuteranomaly

28.7245, 28.9865, 32.5148

Tritanomaly

27.7681, 29.1298, 34.7309

Monochromacy



Original Color

27.2629, 29.1576, 32.2080

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5542, 29.0850, 31.7655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2629, 29.1576, 32.2080 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(143, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(143, 148, 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(143, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 148, 148) }
```

Border

The CSS property to change the border of an element to XYZ 27.2629, 29.1576, 32.2080 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(143, 148, 148) }
```


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

```
.border{ border-color:rgb(143, 148, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 148, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(143, 148,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2629, 29.1576, 32.2080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 148, 148) }
```

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

```
.background{ background-color: rgb(143,  
148, 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](#).

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