

Converting Colors

XYZ(27.5433, 29.4032, 24.4739)

Have a look what the booklet for
XYZ(27.5433, 29.4032, 24.4739)
contains.

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Color

**XYZ(27.6231, 29.5106,
24.6623)**

Conversions

Conversions Part 1

Format	Color
Hex	999480
RGB	153, 148, 128
RGB Percent	60%, 58%, 50%
CMY	0.4000, 0.4196, 0.4980
CMYK	0.00, 0.03, 0.16, 0.40
HSL	48°, 11%, 55%
HSV	48°, 16%, 60%
XYZ	27.6231, 29.5106, 24.6623
YIQ	147.2150, 9.4000, -5.1600

Conversions

Conversions Part 2

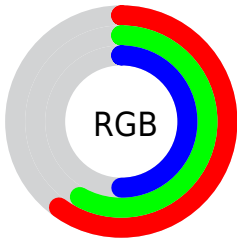
Format	Color
R_{YB}	134, 153, 128
Decimal	10065024
CIE _{Lab}	61.23, -1.69, 11.24
CIE _{LCh}	61, 11.367, 98.567
Yxy	29.5106, 0.3377, 0.3608
Android (android.graphics.Color)	4288255104 (0xFF999480)
YUV	147.2150, -9.4730, 5.0734
Hunter-Lab	54.3237, -4.3007, 11.1096

Details

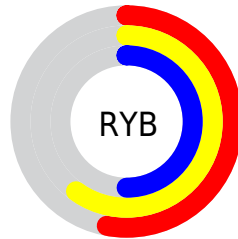
The XYZ color **27.6231, 29.5106, 24.6623** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.0394, 23.6639, 33.4907**, and the grayscale version is **27.8580, 29.3088, 31.9173**.

A 20% lighter version of the original color is **55.1931, 58.8427, 52.1648**, and **11.1655, 11.9387, 9.1130** is the 20% darker color. If you saturate the color by 10%, you get **26.2179, 28.1920, 19.5945**, and if you desaturate by 10%, it is **29.1944, 30.9179, 30.5355**.

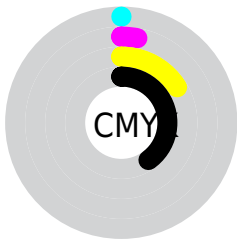
Distribution



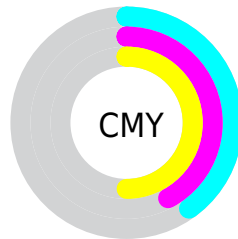
- Red (60%)
- Green (58%)
- Blue (50%)



- Red (53%)
- Yellow (60%)
- Blue (50%)



- Cyan (0%)
- Magenta (3%)
- Yellow (16%)
- Black (40%)



- Cyan (40%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6231, 29.5106, 24.6623 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 27.6231, 29.5106, 24.6623 by changing the saturation by 10% instead.

■ 27.6231, 29.5106,
24.6623

■ 27.6231, 29.5106,
24.6623

282.7744,
299.6165, 289.5456

■ 18.1807, 19.4674,
15.6089

■ 55.2950, 58.8874,
52.0662

■ 11.1803, 12.0085,
9.0965

■ 74.2553, 78.9897,
71.2537

■ 6.2564, 6.7495,
4.7065

■ 97.1188, 103.2139,
94.6564

■ 3.0438, 3.3059,
2.0204

124.2511,
131.9444, 122.6927

■ 1.1769, 1.2935,
0.5678

156.0175,
165.5655, 155.7813

■ 0.0881, 0.1361,
0.0000

192.7832,

■ 0.0000, 0.0000,

204.4616, 194.3406

0.0000

234.9138,
249.0172, 238.7892

■ 27.6231, 29.5106,
24.6623

■ 27.6231, 29.5106,
24.6623

■ 26.2179, 28.1920,
19.5945

■ 29.1944, 30.9179,
30.5355

■ 24.9697, 26.9553,
15.2944

■ 30.9360, 32.4128,
37.2456

■ 23.8717, 25.7988,
11.7243

■ 32.8547, 33.9990,
44.8249

■ 22.9160, 24.7189,
8.8423

■ 34.9562, 35.6792,
53.3033

■ 22.0938, 23.7121,
6.6026

■ 37.2461, 37.4556,
62.7093

■ 21.3952, 22.7742,
4.9534

■ 39.7297, 39.3305,
73.0701

■ 20.8087, 21.9006,
3.8351

■ 42.4119, 41.3060,
84.4120

■ 20.3175, 21.0841,
3.1596

■ 45.2977, 43.3843,
96.7598

■ 20.1479, 20.7942,
2.9518

■ 46.6202, 44.8586,
100.8092

Harmonies

Analogous

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



29.1121, 29.5106, 25.0646



27.6231, 29.5106, 24.6623



26.2955, 29.5106, 26.1177

Triad

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



27.6231, 29.5106, 24.6623



25.8617, 29.5106, 37.5401



30.8095, 29.5106, 35.2339

Complementary

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



27.6231, 29.5106, 24.6623



23.0394, 23.6639, 33.4907

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.



29.8787, 29.5106, 39.0053



27.6231, 29.5106, 24.6623



27.0120, 29.5106, 40.4169

Square

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



27.6231, 29.5106, 24.6623



25.3025, 29.5106, 33.3735



28.4791, 29.5106, 40.9756



30.9873, 29.5106, 30.9217

Rectangle

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



27.6231, 29.5106, 24.6623



25.6680, 29.5106, 28.0287



28.4791, 29.5106, 40.9756



30.5728, 29.5106, 36.6175

Sweetspot

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



27.6239, 29.5119, 24.6629



52.6534, 55.6932, 56.0932



25.0901, 23.9045, 25.4824



11.5839, 12.2606, 12.2244



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.



27.6239, 29.5119, 24.6629



48.4146, 51.8749, 40.3166



27.0533, 30.4067, 24.8657



6.6040, 7.0131, 6.6114



16.6753, 17.2331, 2.4474



0.2730, 0.3051, 0.0445

Inverse Universe

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



23.0394, 23.6639, 33.4907



38.4509, 39.1658, 59.5051



23.5417, 22.9312, 33.3228



5.9795, 6.2164, 7.8137



5.1682, 2.7330, 25.1628



0.0987, 0.0837, 0.3833

Previews

White Background



This preview shows how the XYZ color 27.6231, 29.5106, 24.6623 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 27.6231, 29.5106, 24.6623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

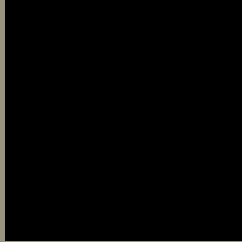
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6231, 29.5106, 24.6623

Background



This preview shows how black text looks on a background with the XYZ color 27.6231, 29.5106, 24.6623.



This preview shows how white text looks on a background with the XYZ color 27.6231, 29.5106,

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

27.6231, 29.5106, 24.6623

Protanopia

27.8476, 29.3945, 24.6281

Deuteranopia

29.9976, 29.3660, 24.8560



Tritanopia

29.7943, 29.4812, 35.1305

Trichromacy



Original Color

27.6231, 29.5106, 24.6623

Protanomaly

27.6564, 29.2960, 24.6191

Deuteranomaly

29.0400, 29.3180, 24.8973

Tritanomaly

28.9465, 29.3631, 30.9301

Monochromacy



Original Color

27.6231, 29.5106, 24.6623

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.5618, 29.1504, 28.9849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6231, 29.5106, 24.6623 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, 148, 128)` looks like.

```
.text, #text, p{  
    color:rgb(153, 148, 128)  
}
```

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, 148, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 148, 128) }
```

Border

The CSS property to change the border of an element to XYZ 27.6231, 29.5106, 24.6623 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, 148, 128) }
```


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

```
.border{ border-color:rgb(153, 148, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 148, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 148, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 148, 128);  
box-shadow:4px 4px 4px 4px rgb(153, 148,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6231, 29.5106, 24.6623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 148, 128) }
```

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

```
.background{ background-color: rgb(153,  
148, 128) }
```

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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