

Converting Colors

XYZ(27.7425, 26.2278, 35.1871)

Have a look what the booklet for
XYZ(27.7425, 26.2278, 35.1871)
contains.

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Color

**XYZ(27.6627, 26.2228,
35.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	99869C
RGB	153, 134, 156
RGB Percent	60%, 53%, 61%
CMY	0.4000, 0.4745, 0.3882
CMYK	0.02, 0.14, 0.00, 0.39
HSL	292°, 10%, 57%
HSV	292°, 14%, 61%
XYZ	27.6627, 26.2228, 35.0560
YIQ	142.1890, 4.2620, 10.8700

Conversions

Conversions Part 2

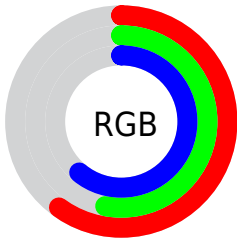
Format	Color
R_{YB}	153, 134, 156
Decimal	10061468
CIE _{Lab}	58.25, 11.32, -9.06
CIE _{LCh}	58, 14.499, 321.311
Yxy	26.2228, 0.3110, 0.2948
Android (android.graphics.Color)	4288251548 (0xFF99869C)
YUV	142.1890, 6.8088, 9.4812
Hunter-Lab	51.2082, 6.8114, -4.7429

Details

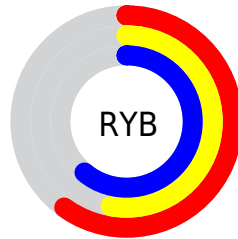
The XYZ color **27.6627, 26.2228, 35.0560** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.5090, 30.8172, 27.1067**, and the grayscale version is **25.7593, 27.1008, 29.5128**.

A 20% lighter version of the original color is **55.1353, 53.4592, 68.3855**, and **11.1996, 10.1853, 14.7403** is the 20% darker color. If you saturate the color by 10%, you get **25.2659, 22.0197, 34.3714**, and if you desaturate by 10%, it is **30.3863, 31.0680, 35.8481**.

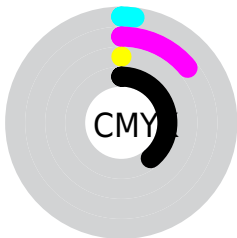
Distribution



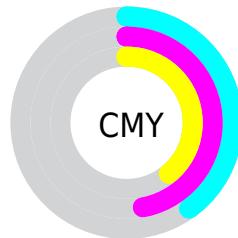
- Red (60%)
- Green (53%)
- Blue (61%)



- Red (60%)
- Yellow (53%)
- Blue (61%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (39%)



- Cyan (40%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6627, 26.2228, 35.0560 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 27.6627, 26.2228, 35.0560 by changing the saturation by 10% instead.

■ 27.6627, 26.2228,
35.0560

■ 27.6627, 26.2228,
35.0560

282.9610,
283.8741, 339.7272

■ 18.2107, 16.9904,
23.4221

■ 55.3579, 53.6342,
68.7251

■ 11.2020, 10.2276,
14.6973

■ 74.3318, 72.5819,
91.5973

■ 6.2711, 5.5502,
8.4630

■ 97.2104, 95.5369,
119.0528

■ 3.0529, 2.5735,
4.3006

124.3590,
122.8835, 151.5100

■ 1.1818, 0.9134,
1.7917

156.1430,
155.0061, 189.3875

■ 0.0919, 0.0000,
0.4224

192.9278,

■ 0.0000, 0.0000,

192.2892, 233.1039

0.0000

235.0787,
235.1170, 283.0776

■ 27.6627, 26.2228,
35.0560

■ 27.6627, 26.2228,
35.0560

■ 25.2659, 22.0197,
34.3714

■ 30.3863, 31.0680,
35.8481

■ 23.1797, 18.4275,
33.7880

■ 33.4474, 36.5780,
36.7503

■ 21.3899, 15.4175,
33.3014

■ 36.8591, 42.7786,
37.7673

■ 19.8802, 12.9576,
32.9061

■ 40.6331, 49.6929,
38.9030

■ 18.6330, 11.0120,
32.5963

■ 44.7806, 57.3434,
40.1611

■ 17.6284, 9.5412,
32.3654

■ 49.3123, 65.7513,
41.5451

■ 16.8435, 8.4998,
32.2057

■ 54.2383, 74.9369,
43.0585

■ 16.2510, 7.8328,
32.1082

■ 58.3428, 82.4687,
44.2959

■ 15.9485, 7.5286,
32.0654

■ 58.8066, 82.7077,
44.3176

Harmonies

Analogous

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



26.1755, 26.2228, 38.5775



27.6627, 26.2228, 35.0560



28.4248, 26.2228, 30.0430

Triad

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



27.6627, 26.2228, 35.0560



25.4392, 26.2228, 19.9956



21.8994, 26.2228, 32.2251

Complementary

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



27.6627, 26.2228, 35.0560



26.5090, 30.8172, 27.1067

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.



21.7231, 26.2228, 27.1115



27.6627, 26.2228, 35.0560



23.7130, 26.2228, 20.4342

Square

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



27.6627, 26.2228, 35.0560



27.1020, 26.2228, 21.6294



22.3723, 26.2228, 22.9070



22.8659, 26.2228, 36.8139

Rectangle

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



27.6627, 26.2228, 35.0560



28.3954, 26.2228, 26.6913



22.3723, 26.2228, 22.9070



21.7477, 26.2228, 30.4976

Sweetspot

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



27.6635, 26.2239, 35.0566



55.2008, 56.4480, 65.1129



24.8217, 25.4466, 35.0563



12.0647, 12.2745, 14.3037



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



27.6635, 26.2239, 35.0566



48.7717, 45.0339, 63.2486



27.6053, 26.2669, 31.7575



6.8152, 6.7087, 8.3424



13.1578, 6.2121, 26.4128



0.2575, 0.1225, 0.4733

Inverse Universe

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



26.7517, 25.9254, 27.2624



46.7942, 44.3904, 46.1716



26.5809, 30.7899, 30.0164



6.6681, 6.6601, 7.1032



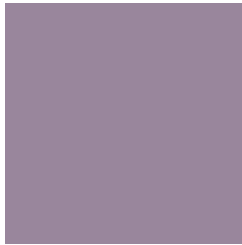
11.4147, 5.8705, 1.1690



0.2134, 0.1087, 0.0696

Previews

White Background



This preview shows how the XYZ color 27.6627, 26.2228, 35.0560 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 27.6627, 26.2228, 35.0560 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 27.6627, 26.2228, 35.0560

Background



This preview shows how black text looks on a background with the XYZ color 27.6627, 26.2228, 35.0560.



This preview shows how white text looks on a background with the XYZ color 27.6627, 26.2228,

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

27.6627, 26.2228, 35.0560

Protanopia

25.8072, 26.2868, 36.5146

Deuteranopia

26.8375, 26.2117, 35.0974



Tritanopia

26.9414, 26.3590, 30.8620

Trichromacy



Original Color

27.6627, 26.2228, 35.0560

Protanomaly

26.4449, 26.1996, 36.0110

Deuteranomaly

27.0591, 26.1178, 35.0676

Tritanomaly

27.1179, 26.2054, 32.4830

Monochromacy



Original Color

27.6627, 26.2228, 35.0560

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.3531, 26.6828, 31.3651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6627, 26.2228, 35.0560 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, 134, 156)` looks like.

```
.text, #text, p{  
    color:rgb(153, 134, 156)  
}
```

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, 134, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 134, 156) }
```

Border

The CSS property to change the border of an element to XYZ 27.6627, 26.2228, 35.0560 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, 134, 156) }
```


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

```
.border{ border-color:rgb(153, 134, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 134, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 134, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 134, 156);  
box-shadow:4px 4px 4px 4px rgb(153, 134,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6627, 26.2228, 35.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 134, 156) }
```

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

```
.background{ background-color: rgb(153,  
134, 156) }
```

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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