

Converting Colors

XYZ(28.6226, 28.4217, 35.4299)

Have a look what the booklet for
XYZ(28.6226, 28.4217, 35.4299)
contains.

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Color

**XYZ(28.6226, 28.4217,
35.4299)**

Conversions

Conversions Part 1

Format	Color
Hex	988E9C
RGB	152, 142, 156
RGB Percent	60%, 56%, 61%
CMY	0.4039, 0.4431, 0.3882
CMYK	0.03, 0.09, 0.00, 0.39
HSL	283°, 7%, 58%
HSV	283°, 9%, 61%
XYZ	28.6226, 28.4217, 35.4299
YIQ	146.5860, 1.4660, 6.4740

Conversions

Conversions Part 2

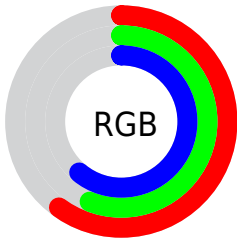
Format	Color
R_{YB}	152, 142, 156
Decimal	9997980
CIE _{Lab}	60.27, 6.40, -6.07
CIE _{LCh}	60, 8.818, 316.533
Yxy	28.4217, 0.3095, 0.3073
Android (android.graphics.Color)	4288188060 (0xFF988E9C)
YUV	146.5860, 4.6411, 4.7481
Hunter-Lab	53.3120, 2.5386, -2.0843

Details

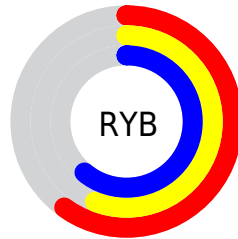
The XYZ color **28.6226, 28.4217, 35.4299** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.6262, 31.8418, 30.2300**, and the grayscale version is **27.5441, 28.9785, 31.5576**.

A 20% lighter version of the original color is **56.8264, 57.2548, 69.0290**, and **11.7438, 11.4409, 14.9540** is the 20% darker color. If you saturate the color by 10%, you get **25.6435, 23.6788, 34.6719**, and if you desaturate by 10%, it is **31.9596, 33.8329, 36.2989**.

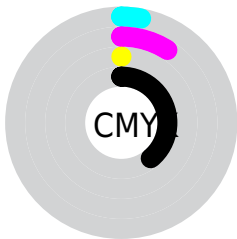
Distribution



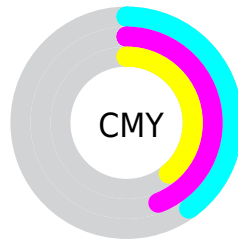
- Red (60%)
- Green (56%)
- Blue (61%)



- Red (60%)
- Yellow (56%)
- Blue (61%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (39%)



- Cyan (40%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6226, 28.4217, 35.4299 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 28.6226, 28.4217, 35.4299 by changing the saturation by 10% instead.

■ 28.6226, 28.4217,
35.4299

■ 28.6226, 28.4217,
35.4299

287.4565,
294.4765, 341.4236

■ 18.9384, 18.6438,
23.7080

■ 56.8787, 57.1570,
69.3103

■ 11.7295, 11.4132,
14.9070

■ 76.1812, 76.8832,
92.3060

■ 6.6306, 6.3455,
8.6082

■ 99.4205, 100.6942,
119.8966

■ 3.2765, 3.0563,
4.3932

126.9620,
128.9746, 152.5007

■ 1.3016, 1.1612,
1.8435

159.1709,
162.1086, 190.5370

■ 0.1844, 0.0296,
0.4564

196.4128,

■ 0.0000, 0.0000,

200.4806, 234.4238

0.0000

239.0529,
244.4751, 284.5799

■ 28.6226, 28.4217,
35.4299

■ 28.6226, 28.4217,
35.4299

■ 25.6435, 23.6788,
34.6719

■ 31.9596, 33.8329,
36.2989

■ 23.0061, 19.5735,
34.0185

■ 35.6649, 39.9343,
37.2813

■ 20.6964, 16.0782,
33.4656

■ 39.7517, 46.7510,
38.3817

■ 18.6987, 13.1618,
33.0079

■ 44.2316, 54.3060,
39.6038

■ 16.9957, 10.7903,
32.6399

■ 49.1160, 62.6213,
40.9514

■ 15.5684, 8.9262,
32.3553

■ 54.4154, 71.7177,
42.4279

■ 14.3953, 7.5271,
32.1471

■ 60.1402, 81.6155,
44.0366

■ 13.4514, 6.5435,
32.0070

■ 62.4181, 84.5696,
44.4867

■ 12.6845, 5.8717,
31.9178

■ 63.5310, 85.1433,
44.5388

Harmonies

Analogous

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



27.6373, 28.4217, 37.3066



28.6226, 28.4217, 35.4299



29.1837, 28.4217, 32.4190

Triad

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



28.6226, 28.4217, 35.4299



27.5234, 28.4217, 25.2781



24.9831, 28.4217, 32.7521

Complementary

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



28.6226, 28.4217, 35.4299



28.6262, 31.8418, 30.2300

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.



24.9546, 28.4217, 29.5191



28.6226, 28.4217, 35.4299



26.4001, 28.4217, 25.3535

Square

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



28.6226, 28.4217, 35.4299



28.5372, 28.4217, 26.6443



25.4668, 28.4217, 26.8581



25.5459, 28.4217, 35.6883

Rectangle

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



28.6226, 28.4217, 35.4299



29.2318, 28.4217, 30.2434



25.4668, 28.4217, 26.8581



24.9113, 28.4217, 31.6602

Sweetspot

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



28.6234, 28.4229, 35.4305



55.4908, 57.2846, 65.2591



27.4670, 28.7718, 35.5588



12.1067, 12.4368, 14.3328



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.



28.6234, 28.4229, 35.4305



50.7170, 49.5853, 64.0246



29.1505, 28.7217, 34.2318



6.7193, 6.6593, 8.3379



10.4210, 4.8013, 26.2847



0.2254, 0.1060, 0.4718

Inverse Universe

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



28.5727, 28.4906, 31.1891



50.6140, 49.7430, 54.4955



28.1403, 31.5667, 31.3184



6.7071, 6.6758, 7.3089



11.6900, 5.9806, 2.6188



0.2259, 0.1137, 0.1356

Previews

White Background



This preview shows how the XYZ color 28.6226, 28.4217, 35.4299 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 28.6226, 28.4217, 35.4299 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 28.6226, 28.4217, 35.4299

Background



This preview shows how black text looks on a background with the XYZ color 28.6226, 28.4217, 35.4299.



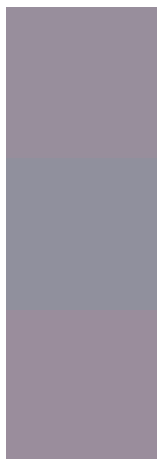
This preview shows how white text looks on a background with the XYZ color 28.6226, 28.4217,

35.4299.

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

28.6226, 28.4217, 35.4299

Protanopia

27.5607, 28.3101, 35.9101

Deuteranopia

28.8521, 28.3201, 35.3981



Tritanopia

28.4546, 28.3545, 34.5451

Trichromacy



Original Color

28.6226, 28.4217, 35.4299

Protanomaly

27.9409, 28.2823, 35.8847

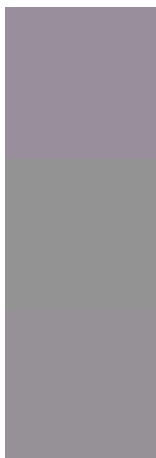
Deuteranomaly

28.6625, 28.2224, 35.3893

Tritanomaly

28.5383, 28.3880, 34.9856

Monochromacy



Original Color

28.6226, 28.4217, 35.4299

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.0248, 28.8424, 32.9442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6226, 28.4217, 35.4299 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(152, 142, 156)` looks like.

```
.text, #text, p{  
    color:rgb(152, 142, 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(152, 142, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 142, 156) }
```

Border

The CSS property to change the border of an element to XYZ 28.6226, 28.4217, 35.4299 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(152, 142, 156) }
```


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

```
.border{ border-color:rgb(152, 142, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 142, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 142, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 142, 156);  
box-shadow:4px 4px 4px 4px rgb(152, 142,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6226, 28.4217, 35.4299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 142, 156) }
```

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

```
.background{ background-color: rgb(152,  
142, 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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