

Converting Colors

XYZ(28.3183, 25.8934, 33.7748)

Have a look what the booklet for
XYZ(28.3183, 25.8934, 33.7748)
contains.

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Color

**XYZ(28.3633, 26.0061,
33.6618)**

Conversions

Conversions Part 1

Format	Color
Hex	A08399
RGB	160, 131, 153
RGB Percent	63%, 51%, 60%
CMY	0.3725, 0.4863, 0.4000
CMYK	0.00, 0.18, 0.04, 0.37
HSL	314°, 13%, 57%
HSV	314°, 18%, 63%
XYZ	28.3633, 26.0061, 33.6618
YIQ	142.1790, 10.2220, 12.9900

Conversions

Conversions Part 2

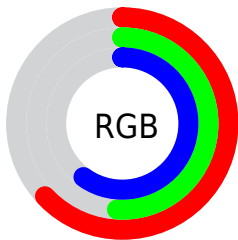
Format	Color
R_{YB}	160, 131, 153
Decimal	10519449
CIE _{Lab}	58.04, 14.98, -7.57
CIE _{LCh}	58, 16.782, 333.168
Yxy	26.0061, 0.3222, 0.2954
Android (android.graphics.Color)	4288709529 (0xFFA08399)
YUV	142.1790, 5.3348, 15.6290
Hunter-Lab	50.9962, 10.0357, -3.4391

Details

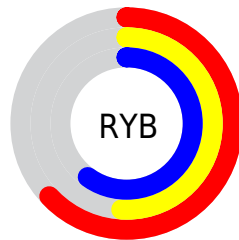
The XYZ color **28.3633, 26.0061, 33.6618** is a light color, and the websafe version is hex **999999**. A complement of this color would be **26.5194, 31.8027, 28.7870**, and the grayscale version is **25.7593, 27.1008, 29.5128**.

A 20% lighter version of the original color is **56.4273, 53.2330, 66.3324**, and **11.5250, 10.0323, 13.8994** is the 20% darker color. If you saturate the color by 10%, you get **26.0644, 21.9103, 31.3471**, and if you desaturate by 10%, it is **31.0059, 30.7720, 36.1426**.

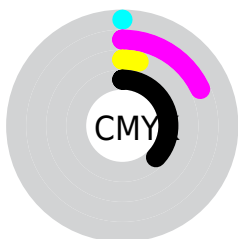
Distribution



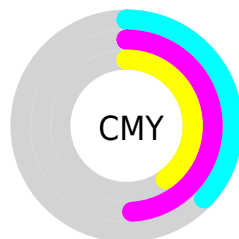
- Red (63%)
- Green (51%)
- Blue (60%)



- Red (63%)
- Yellow (51%)
- Blue (60%)



- Cyan (0%)
- Magenta (18%)
- Yellow (4%)
- Black (37%)



- Cyan (37%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3633, 26.0061, 33.6618 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 28.3633, 26.0061, 33.6618 by changing the saturation by 10% instead.

■ 28.3633, 26.0061,
33.6618

■ 28.3633, 26.0061,
33.6618

286.2475,
282.8120, 333.3444

■ 18.7416, 16.8282,
22.3587

■ 56.4685, 53.2848,
66.5353

■ 11.5866, 10.1121,
13.9198

■ 75.6827, 72.1544,
88.9427

■ 6.5330, 5.4733,
7.9268

■ 98.8252, 95.0233,
115.8886

■ 3.2155, 2.5276,
3.9611

126.2611,
122.2760, 147.7915

■ 1.2687, 0.8904,
1.6040

158.3560,
154.2968, 185.0700

■ 0.1596, 0.0000,
0.2937

195.4751,

■ 0.0000, 0.0000,

191.4701, 228.1426

0.0000

237.9838,
234.1804, 277.4279

■ 28.3633, 26.0061,
33.6618

■ 28.3633, 26.0061,
33.6618

■ 26.0644, 21.9103,
31.3471

■ 31.0059, 30.7720,
36.1426

■ 24.0917, 18.4509,
29.1914

■ 34.0042, 36.2330,
38.7931

■ 22.4295, 15.5962,
27.1891

■ 37.3725, 42.4172,
41.6188

■ 21.0598, 13.3104,
25.3338

■ 41.1234, 49.3498,
44.6245

■ 19.9628, 11.5542,
23.6185

■ 45.2693, 57.0550,
47.8145

■ 19.1161, 10.2830,
22.0352

■ 49.8216, 65.5558,
51.1933

■ 18.4939, 9.4450,
20.5746

■ 54.7915, 74.8744,
54.7650

■ 18.0491, 8.9465,
19.2207

■ 58.8988, 82.4502,
58.1032

■ 17.9717, 8.8634,
18.9739

■ 59.3090, 82.6143,
60.2636

Harmonies

Analogous

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



26.9133, 26.0061, 38.7303



28.3633, 26.0061, 33.6618



28.8193, 26.0061, 27.7035

Triad

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



28.3633, 26.0061, 33.6618



24.5031, 26.0061, 18.5656



21.5956, 26.0061, 34.8758

Complementary

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



28.3633, 26.0061, 33.6618



26.5194, 31.8027, 28.7870

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.



21.0255, 26.0061, 28.9379



28.3633, 26.0061, 33.6618



22.6455, 26.0061, 19.9594

Square

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



28.3633, 26.0061, 33.6618



26.5201, 26.0061, 19.4745



21.3993, 26.0061, 23.5688



22.9994, 26.0061, 39.4958

Rectangle

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



28.3633, 26.0061, 33.6618



28.4789, 26.0061, 24.1460



21.3993, 26.0061, 23.5688



21.3037, 26.0061, 32.9409

Sweetspot

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



28.3641, 26.0072, 33.6624



57.8754, 58.7379, 67.0473



24.9052, 24.1554, 36.6080



12.6166, 12.7434, 14.6361



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.3641, 26.0072, 33.6624



49.6299, 43.8761, 59.2761



27.2552, 25.5637, 27.8230



6.8356, 6.7272, 7.9856



14.0173, 6.9115, 14.8741



0.2659, 0.1297, 0.3464

Inverse Universe

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



28.3641, 26.0072, 33.6624



49.6299, 43.8761, 59.2761



27.6212, 32.2434, 34.5890



6.8356, 6.7272, 7.9856



14.0173, 6.9115, 14.8741



0.2659, 0.1297, 0.3464

Previews

White Background



This preview shows how the XYZ color 28.3633, 26.0061, 33.6618 looks on a white background.

Color Contrast Check

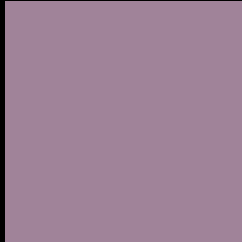
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3633, 26.0061, 33.6618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

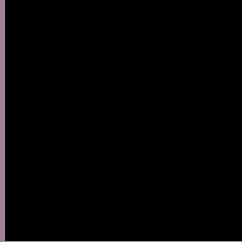
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3633, 26.0061, 33.6618

Background



This preview shows how black text looks on a background with the XYZ color 28.3633, 26.0061, 33.6618.



This preview shows how white text looks on a background with the XYZ color 28.3633, 26.0061,

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

28.3633, 26.0061, 33.6618

Protanopia

25.7207, 26.2522, 36.0593

Deuteranopia

26.6844, 26.1712, 33.3509



Tritanopia

27.6435, 26.1292, 29.5731

Trichromacy



Original Color

28.3633, 26.0061, 33.6618

Protanomaly

26.4820, 26.0284, 35.0807

Deuteranomaly

27.1415, 25.9926, 33.2923

Tritanomaly

27.8158, 25.9800, 31.1524

Monochromacy



Original Color

28.3633, 26.0061, 33.6618

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.6712, 26.6418, 30.9308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3633, 26.0061, 33.6618 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(160, 131, 153)` looks like.

```
.text, #text, p{  
    color:rgb(160, 131, 153)  
}
```

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(160, 131, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 131, 153) }
```

Border

The CSS property to change the border of an element to XYZ 28.3633, 26.0061, 33.6618 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(160, 131, 153) }
```


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

```
.border{ border-color:rgb(160, 131, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 131, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 131, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 131, 153);  
box-shadow:4px 4px 4px 4px rgb(160, 131,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3633, 26.0061, 33.6618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 131, 153) }
```

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

```
.background{ background-color: rgb(160,  
131, 153) }
```

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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