

Converting Colors

XYZ(28.2484, 28.4950, 32.8148)

Have a look what the booklet for
XYZ(28.2484, 28.4950, 32.8148)
contains.

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Color

**XYZ(28.2764, 28.5223,
32.8692)**

Conversions

Conversions Part 1

Format	Color
Hex	988F96
RGB	152, 143, 150
RGB Percent	60%, 56%, 59%
CMY	0.4039, 0.4392, 0.4118
CMYK	0.00, 0.06, 0.01, 0.40
HSL	313°, 4%, 58%
HSV	313°, 6%, 60%
XYZ	28.2764, 28.5223, 32.8692
YIQ	146.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

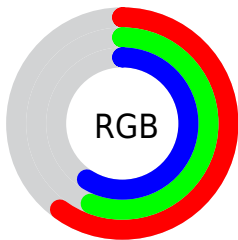
Format	Color
R_{YB}	152, 143, 150
Decimal	9998230
CIE Lab	60.36, 4.66, -2.51
CIE LCh	60, 5.291, 331.633
Yxy	28.5223, 0.3153, 0.3181
Android (android.graphics.Color)	4288188310 (0xFF988F96)
YUV	146.4890, 1.7309, 4.8331
Hunter-Lab	53.4063, 1.0473, 0.8940

Details

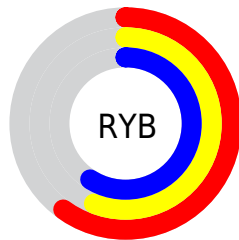
The XYZ color **28.2764, 28.5223, 32.8692** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.6679, 30.3413, 31.1878**, and the grayscale version is **27.5153, 28.9482, 31.5246**.

A 20% lighter version of the original color is **56.3189, 57.4139, 65.2404**, and **11.5333, 11.4963, 13.4155** is the 20% darker color. If you saturate the color by 10%, you get **25.8795, 24.1574, 30.7473**, and if you desaturate by 10%, it is **30.9920, 33.5113, 35.1367**.

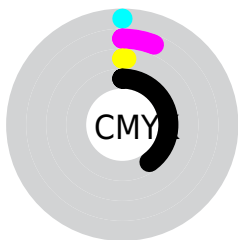
Distribution



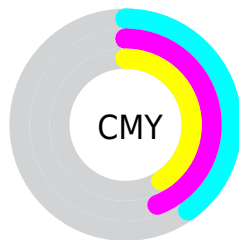
- Red (60%)
- Green (56%)
- Blue (59%)



- Red (60%)
- Yellow (56%)
- Blue (59%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (40%)



- Cyan (40%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2764, 28.5223, 32.8692 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 28.2764, 28.5223, 32.8692 by changing the saturation by 10% instead.

■ 28.2764, 28.5223,
32.8692

■ 28.2764, 28.5223,
32.8692

285.8415,
294.9543, 329.6738

■ 18.6756, 18.7197,
21.7560

■ 56.3310, 57.3172,
65.2849

■ 11.5387, 11.4680,
13.4811

■ 75.5155, 77.0784,
87.4245

■ 6.5004, 6.3825,
7.6261

■ 98.6254, 100.9279,
114.0766

■ 3.1952, 3.0790,
3.7723

126.0259,
129.2502, 145.6597

■ 1.2578, 1.1731,
1.5013

158.0824,
162.4295, 182.5925

■ 0.1513, 0.0396,
0.2189

195.1602,

■ 0.0000, 0.0000,

200.8504, 225.2934

0.0000

237.6248,
244.8972, 274.1810

■ 28.2764, 28.5223,
32.8692

■ 28.2764, 28.5223,
32.8692

■ 25.8795, 24.1574,
30.7473

■ 30.9920, 33.5113,
35.1367

■ 23.7864, 20.3880,
28.7648

■ 34.0355, 39.1438,
37.5522

■ 21.9848, 17.1890,
26.9175

■ 37.4189, 45.4434,
40.1204

■ 20.4602, 14.5322,
25.2003

■ 41.1527, 52.4311,
42.8450

■ 19.1974, 12.3866,
23.6077

■ 45.2472, 60.1269,
45.7298

■ 18.1793, 10.7183,
22.1338

■ 49.7119, 68.5502,
48.7783

■ 17.3868, 9.4894,
20.7718

■ 54.5562, 77.7197,
51.9938

■ 16.7980, 8.6560,
19.5141

■ 56.6483, 81.3712,
54.3329

■ 16.3818, 8.1563,
18.3500

■ 56.9894, 81.5076,
56.1294

Harmonies

Analogous

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



27.8011, 28.5223, 34.3544



28.2764, 28.5223, 32.8692



28.4376, 28.5223, 30.9494

Triad

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



28.2764, 28.5223, 32.8692



27.0724, 28.5223, 27.4613



26.0116, 28.5223, 33.0615

Complementary

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



28.2764, 28.5223, 32.8692



27.6679, 30.3413, 31.1878

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.



25.8236, 28.5223, 31.1627



28.2764, 28.5223, 32.8692



26.4296, 28.5223, 27.9756

Square

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



28.2764, 28.5223, 32.8692



27.7355, 28.5223, 27.8763



25.9753, 28.5223, 29.3106



26.4931, 28.5223, 34.4687

Rectangle

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



28.2764, 28.5223, 32.8692



28.3432, 28.5223, 29.6959



25.9753, 28.5223, 29.3106



25.9123, 28.5223, 32.4569

Sweetspot

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



28.2772, 28.5235, 32.8698



51.7031, 53.6298, 59.5395



27.1594, 27.9285, 33.6656



11.7648, 12.2139, 13.5438



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.



28.2772, 28.5235, 32.8698



49.3669, 49.3506, 57.5482



27.9257, 28.3829, 31.0187



6.5092, 6.4950, 7.5923



13.6216, 6.7029, 15.0642



0.2166, 0.1054, 0.2937

Inverse Universe

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



28.2772, 28.5235, 32.8698



49.3669, 49.3506, 57.5482



28.0177, 30.4812, 33.0301



6.5092, 6.4950, 7.5923



13.6216, 6.7029, 15.0642



0.2166, 0.1054, 0.2937

Previews

White Background



This preview shows how the XYZ color 28.2764, 28.5223, 32.8692 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 28.2764, 28.5223, 32.8692 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 28.2764, 28.5223, 32.8692

Background



This preview shows how black text looks on a background with the XYZ color 28.2764, 28.5223, 32.8692.



This preview shows how white text looks on a background with the XYZ color 28.2764, 28.5223,

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

28.2764, 28.5223, 32.8692

Protanopia

27.5654, 28.5962, 33.3449

Deuteranopia

28.9345, 28.4199, 32.8147



Tritanopia

28.6426, 28.4514, 34.5539

Trichromacy



Original Color

28.2764, 28.5223, 32.8692

Protanomaly

27.7719, 28.4768, 33.3110

Deuteranomaly

28.6956, 28.5166, 32.8460

Tritanomaly

28.5596, 28.4182, 34.1170

Monochromacy



Original Color

28.2764, 28.5223, 32.8692

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.6046, 28.6533, 31.6795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2764, 28.5223, 32.8692 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, 143, 150)` looks like.

```
.text, #text, p{  
    color:rgb(152, 143, 150)  
}
```

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, 143, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 143, 150) }
```

Border

The CSS property to change the border of an element to XYZ 28.2764, 28.5223, 32.8692 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, 143, 150) }
```


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

```
.border{ border-color:rgb(152, 143, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 143, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 143, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 143, 150);  
box-shadow:4px 4px 4px 4px rgb(152, 143,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2764, 28.5223, 32.8692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 143, 150) }
```

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

```
.background{ background-color: rgb(152,  
143, 150) }
```

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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