

Converting Colors

XYZ(28.2759, 27.2583, 27.6051)

Have a look what the booklet for
XYZ(28.2759, 27.2583, 27.6051)
contains.

XYZ(28.3613, 27.3788, 27.4568)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.3613, 27.3788,
27.4568)**

Conversions

Conversions Part 1

Format	Color
Hex	A28989
RGB	162, 137, 137
RGB Percent	64%, 54%, 54%
CMY	0.3647, 0.4627, 0.4627
CMYK	0.00, 0.15, 0.15, 0.36
HSL	0°, 12%, 59%
HSV	0°, 15%, 64%
XYZ	28.3613, 27.3788, 27.4568
YIQ	144.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

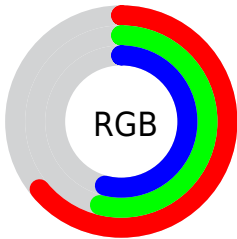
Format	Color
R_{YB}	162, 137, 137
Decimal	10652041
CIE Lab	59.32, 9.45, 3.51
CIE LCh	59, 10.080, 20.394
Yxy	27.3788, 0.3409, 0.3291
Android (android.graphics.Color)	4288842121 (0xFFA28989)
YUV	144.4750, -3.6852, 15.3694
Hunter-Lab	52.3248, 5.1831, 5.5156

Details

The XYZ color **28.3613, 27.3788, 27.4568** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.7583, 33.7671, 39.1320**, and the grayscale version is **26.7117, 28.1028, 30.6039**.

A 20% lighter version of the original color is **56.3230, 55.2963, 56.4199**, and **11.5589, 10.8195, 10.4960** is the 20% darker color. If you saturate the color by 10%, you get **25.1532, 22.6846, 21.0781**, and if you desaturate by 10%, it is **32.0912, 32.8367, 34.8709**.

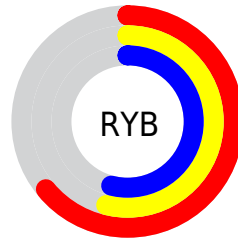
Distribution



Red (64%)

Green (54%)

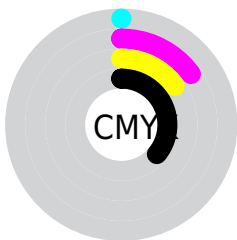
Blue (54%)



Red (64%)

Yellow (54%)

Blue (54%)

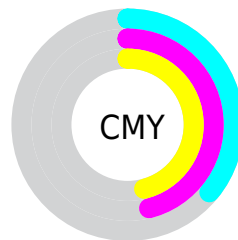


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (36%)



Cyan (36%)

Magenta (46%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3613, 27.3788, 27.4568 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 28.3613, 27.3788, 27.4568 by changing the saturation by 10% instead.

■ 28.3613, 27.3788,
27.4568

■ 28.3613, 27.3788,
27.4568

286.2382,
289.4866, 303.6920

■ 18.7400, 17.8579,
17.6811

■ 56.4654, 55.4911,
56.6286

■ 11.5855, 10.8480,
10.5542

■ 75.6789, 74.8514,
76.8619

■ 6.5323, 5.9647,
5.6576

■ 98.8206, 98.2602,
101.4181

■ 3.2151, 2.8236,
2.5726

126.2557,
126.1019, 130.7157

■ 1.2685, 1.0404,
0.8783

158.3497,
158.7611, 165.1734

■ 0.1594, 0.0000,
0.0000

195.4678,

■ 0.0000, 0.0000,

196.6219, 205.2096

0.0000

237.9756,
240.0690, 251.2430

■ 28.3613, 27.3788,
27.4568

■ 28.3613, 27.3788,
27.4568

■ 25.1532, 22.6846,
21.0781

■ 32.0912, 32.8367,
34.8709

■ 22.4414, 18.7165,
15.6872

■ 36.3622, 39.0863,
43.3618

■ 20.2019, 15.4394,
11.2352

■ 41.1955, 46.1587,
52.9708

■ 18.4077, 12.8139,
7.6685

■ 46.6105, 54.0822,
63.7362

■ 17.0290, 10.7965,
4.9279

■ 52.6257, 62.8839,
75.6948

■ 16.0326, 9.3384,
2.9472

■ 59.2587, 72.5896,
88.8817

■ 15.3799, 8.3833,
1.6501

■ 66.5264, 83.2240,
103.3305

■ 15.0215, 7.8587,
0.9377

■ 68.7104, 86.4214,
107.6673

■ 14.9006, 7.6818,
0.6974

Harmonies

Analogous

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



28.4864, 27.3788, 30.9843



28.3613, 27.3788, 27.4568



27.5987, 27.3788, 24.7763

Triad

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



28.3613, 27.3788, 27.4568



24.1997, 27.3788, 25.6010



25.6204, 27.3788, 37.1921

Complementary

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



28.3613, 27.3788, 27.4568



29.7583, 33.7671, 39.1320

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.



24.5080, 27.3788, 35.4850



28.3613, 27.3788, 27.4568



23.7054, 27.3788, 28.6675

Square

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



28.3613, 27.3788, 27.4568



25.1872, 27.3788, 23.7664



23.8164, 27.3788, 32.2958



26.8765, 27.3788, 36.8020

Rectangle

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



28.3613, 27.3788, 27.4568



26.8445, 27.3788, 23.7383



23.8164, 27.3788, 32.2958



25.2179, 27.3788, 36.8396

Sweetspot

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



28.3621, 27.3800, 27.4574



58.5038, 59.9706, 63.7920



30.3679, 28.1818, 38.0218



13.0306, 13.3095, 14.1105



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.3621, 27.3800, 27.4574



49.0893, 46.1947, 45.0758



30.2427, 31.1414, 28.0843



7.0738, 7.0861, 7.3750



11.7390, 6.0519, 0.5494



0.2467, 0.1272, 0.0116

Inverse Universe

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



29.7583, 33.7671, 39.1320



52.1844, 60.3529, 70.9550



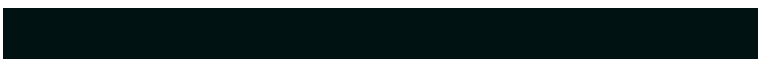
27.6652, 29.5809, 38.4343



7.2761, 8.0111, 9.0659



15.3145, 22.4083, 30.4479



0.3218, 0.4709, 0.6398

Previews

White Background



This preview shows how the XYZ color 28.3613, 27.3788, 27.4568 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 28.3613, 27.3788, 27.4568 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 28.3613, 27.3788, 27.4568

Background



This preview shows how black text looks on a background with the XYZ color 28.3613, 27.3788, 27.4568.



This preview shows how white text looks on a background with the XYZ color 28.3613, 27.3788,

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

28.3613, 27.3788, 27.4568

Protanopia

26.2607, 27.3504, 28.7060

Deuteranopia

27.9019, 27.3540, 27.4762



Tritanopia

29.0967, 27.4702, 30.9628

Trichromacy



Original Color

28.3613, 27.3788, 27.4568

Protanomaly

26.9872, 27.2956, 28.2723

Deuteranomaly

28.1010, 27.4567, 27.4855

Tritanomaly

28.8663, 27.3780, 29.7497

Monochromacy



Original Color

28.3613, 27.3788, 27.4568

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.0951, 27.5521, 29.0893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3613, 27.3788, 27.4568 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(162, 137, 137)` looks like.

```
.text, #text, p{  
    color:rgb(162, 137, 137)  
}
```

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(162, 137, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 137, 137) }
```

Border

The CSS property to change the border of an element to XYZ 28.3613, 27.3788, 27.4568 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(162, 137, 137) }
```


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

```
.border{ border-color:rgb(162, 137, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 137, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 137, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 137, 137);  
box-shadow:4px 4px 4px 4px rgb(162, 137,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3613, 27.3788, 27.4568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 137, 137) }
```

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

```
.background{ background-color: rgb(162,  
137, 137) }
```

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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