

Converting Colors

XYZ(27.3850, 28.9975, 15.6686)

Have a look what the booklet for
XYZ(27.3850, 28.9975, 15.6686)
contains.

XYZ(27.2303, 28.8140, 15.6817)	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(27.2303, 28.8140,
15.6817)**

Conversions

Conversions Part 1

Format	Color
Hex	A29162
RGB	162, 145, 98
RGB Percent	64%, 57%, 38%
CMY	0.3647, 0.4314, 0.6157
CMYK	0.00, 0.10, 0.40, 0.36
HSL	44°, 26%, 51%
HSV	44°, 40%, 64%
XYZ	27.2303, 28.8140, 15.6817
YIQ	144.7250, 25.2190, -11.0130

Conversions

Conversions Part 2

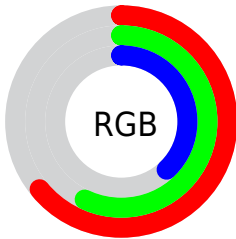
Format	Color
RYB	121, 162, 98
Decimal	10654050
CIELab	60.62, -0.63, 27.26
CIElCh	61, 27.270, 91.325
Yxy	28.8140, 0.3796, 0.4017
Android (android.graphics.Color)	4288844130 (0xFFA29162)
YUV	144.7250, -23.0354, 15.1502
Hunter-Lab	53.6787, -3.3876, 20.2541

Details

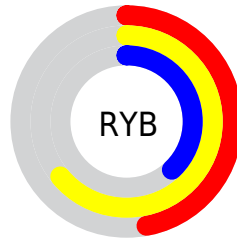
The XYZ color **27.2303, 28.8140, 15.6817** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.6892, 17.4662, 36.6215**, and the grayscale version is **26.8859, 28.2861, 30.8036**.

A 20% lighter version of the original color is **54.7617, 57.9222, 36.7276**, and **10.9746, 11.6659, 4.6909** is the 20% darker color. If you saturate the color by 10%, you get **25.8967, 27.2495, 11.8378**, and if you desaturate by 10%, it is **28.7450, 30.4929, 20.3504**.

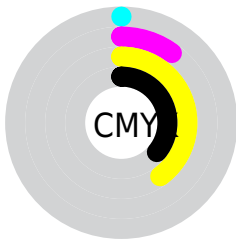
Distribution



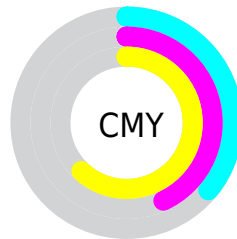
- Red (64%)
- Green (57%)
- Blue (38%)



- Red (47%)
- Yellow (64%)
- Blue (38%)



- Cyan (0%)
- Magenta (10%)
- Yellow (40%)
- Black (36%)



- Cyan (36%)
- Magenta (43%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2303, 28.8140, 15.6817 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 27.2303, 28.8140, 15.6817 by changing the saturation by 10% instead.

■ 27.2303, 28.8140,
15.6817

■ 27.2303, 28.8140,
15.6817

280.9177,
296.3363, 239.2373

■ 17.8837, 18.9402,
9.1473

■ 54.6705, 57.7814,
36.8038

■ 10.9657, 11.6270,
4.7393

■ 73.4948, 77.6438,
52.2286

■ 6.1109, 6.4903,
2.0391

■ 96.2091, 101.6045,
71.4539

■ 2.9539, 3.1454,
0.5791

■ 123.1788,
130.0479, 94.8983

■ 1.1295, 1.2081,
0.0000

154.7691,
163.3584, 122.9803

■ 0.0495, 0.0683,
0.0000

191.3455,

■ 0.0000, 0.0000,

201.9204, 156.1184

0.0000

233.2732,
246.1182, 194.7313

■ 27.2303, 28.8140,
15.6817

■ 27.2303, 28.8140,
15.6817

■ 25.8967, 27.2495,
11.8378

■ 28.7450, 30.4929,
20.3504

■ 24.7325, 25.7912,
8.7675

■ 30.4477, 32.2861,
25.8877

■ 23.7277, 24.4356,
6.4163

■ 32.3472, 34.1988,
32.3362

■ 22.8702, 23.1774,
4.7220

■ 34.4513, 36.2344,
39.7353

■ 22.1458, 22.0105,
3.6116

■ 36.7672, 38.3962,
48.1219

■ 21.5243, 20.9223,
2.9270

■ 39.3019, 40.6875,
57.5313

■ 21.4946, 20.8699,
2.8954

■ 42.0618, 43.1112,
67.9966

■ 45.0534, 45.6702,
79.5497

■ 48.2825, 48.3673,
92.2210

Harmonies

Analogous

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



30.7731, 28.8140, 17.2275



27.2303, 28.8140, 15.6817



24.0089, 28.8140, 17.5305

Triad

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



27.2303, 28.8140, 15.6817



21.9905, 28.8140, 42.5980



33.7809, 28.8140, 41.6512

Complementary

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



27.2303, 28.8140, 15.6817



17.6892, 17.4662, 36.6215

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.



31.0676, 28.8140, 51.0707



27.2303, 28.8140, 15.6817



24.2586, 28.8140, 51.6948

Square

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



27.2303, 28.8140, 15.6817



21.1487, 28.8140, 31.8249



27.5440, 28.8140, 55.0835



34.7449, 28.8140, 30.9265

Rectangle

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



27.2303, 28.8140, 15.6817



22.4243, 28.8140, 20.7305



27.5440, 28.8140, 55.0835



33.0323, 28.8140, 45.1494

Sweetspot

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



27.2310, 28.8153, 15.6823



57.7490, 61.1183, 55.3483



22.3665, 17.6564, 18.4693



12.8738, 13.6306, 12.1020



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.



27.2310, 28.8153, 15.6823



47.3826, 49.9142, 22.5173



27.1697, 32.9318, 16.4801



7.4895, 7.9175, 7.5136



16.9705, 16.5149, 2.2933



0.3920, 0.4178, 0.0600

Inverse Universe

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



17.6892, 17.4662, 36.6215



27.7175, 26.5393, 65.7178



17.6910, 14.8506, 36.1165



6.8464, 7.1517, 8.9227



5.8503, 3.4801, 27.2932



0.1594, 0.1461, 0.5857

Previews

White Background



This preview shows how the XYZ color 27.2303, 28.8140, 15.6817 looks on a white background.

Color Contrast Check

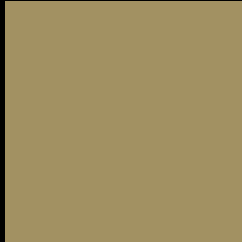
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2303, 28.8140, 15.6817 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 27.2303, 28.8140, 15.6817

Background



This preview shows how black text looks on a background with the XYZ color 27.2303, 28.8140, 15.6817.



This preview shows how white text looks on a background with the XYZ color 27.2303, 28.8140,

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

27.2303, 28.8140, 15.6817

Protanopia

26.5840, 28.7087, 15.6955

Deuteranopia

29.3094, 28.7710, 15.8130



Tritanopia

30.5938, 28.8507, 32.3900

Trichromacy



Original Color

27.2303, 28.8140, 15.6817

Protanomaly

26.7816, 28.8105, 15.7047

Deuteranomaly

28.5027, 28.7929, 15.8597

Tritanomaly

29.0712, 28.6608, 25.1190

Monochromacy



Original Color

27.2303, 28.8140, 15.6817

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.7842, 28.3886, 24.4899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2303, 28.8140, 15.6817 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, 145, 98)` looks like.

```
.text, #text, p{  
    color:rgb(162, 145, 98)  
}
```

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, 145, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 145, 98) }
```

Border

The CSS property to change the border of an element to XYZ 27.2303, 28.8140, 15.6817 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, 145, 98) }
```


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

```
.border{ border-color:rgb(162, 145, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 145, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 145, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 145, 98);  
box-shadow:4px 4px 4px 4px rgb(162, 145,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2303, 28.8140, 15.6817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 145, 98) }
```

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

```
.background{ background-color: rgb(162,  
145, 98) }
```

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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