

Converting Colors

XYZ(28.0810, 29.7653, 15.5503)

Have a look what the booklet for
XYZ(28.0810, 29.7653, 15.5503)
contains.

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Color

**XYZ(28.1084, 29.7298,
15.5662)**

Conversions

Conversions Part 1

Format	Color
Hex	A59361
RGB	165, 147, 97
RGB Percent	65%, 58%, 38%
CMY	0.3529, 0.4235, 0.6196
CMYK	0.00, 0.11, 0.41, 0.35
HSL	44°, 27%, 51%
HSV	44°, 41%, 65%
XYZ	28.1084, 29.7298, 15.5662
YIQ	146.6820, 26.7780, -11.7340

Conversions

Conversions Part 2

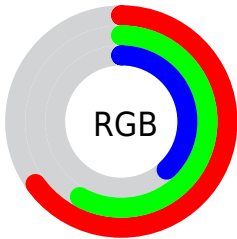
Format	Color
R_{YB}	121, 165, 97
Decimal	10851169
CIE Lab	61.42, -0.59, 28.91
CIE LCh	61, 28.912, 91.164
Yxy	29.7298, 0.3829, 0.4050
Android (android.graphics.Color)	4289041249 (0xFFA59361)
YUV	146.6820, -24.4932, 16.0649
Hunter-Lab	54.5250, -3.3996, 21.2410

Details

The XYZ color **28.1084, 29.7298, 15.5662** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.8518, 17.5189, 38.0378**, and the grayscale version is **27.6926, 29.1347, 31.7277**.

A 20% lighter version of the original color is **56.0507, 59.2836, 36.5057**, and **11.5112, 12.2159, 4.6569** is the 20% darker color. If you saturate the color by 10%, you get **26.7517, 28.1222, 11.7051**, and if you desaturate by 10%, it is **29.6524, 31.4557, 20.2799**.

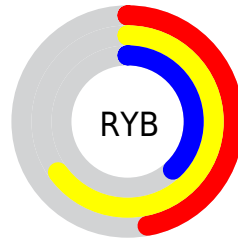
Distribution



Red (65%)

Green (58%)

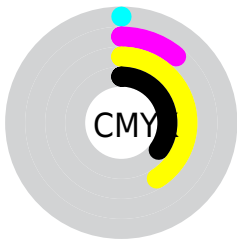
Blue (38%)



Red (47%)

Yellow (65%)

Blue (38%)

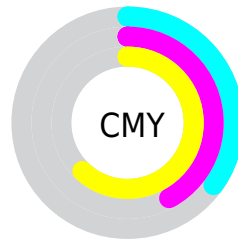


Cyan (0%)

Magenta (11%)

Yellow (41%)

Black (35%)



Cyan (35%)

Magenta (42%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1084, 29.7298, 15.5662 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 28.1084, 29.7298, 15.5662 by changing the saturation by 10% instead.

■ 28.1084, 29.7298,
15.5662

■ 28.1084, 29.7298,
15.5662

285.0552,
300.6430, 238.5258

■ 18.5483, 19.6336,
9.0667

■ 56.0649, 59.2346,
36.5997

■ 11.4464, 12.1290,
4.6873

■ 75.1920, 79.4120,
51.9708

■ 6.4374, 6.8316,
2.0095

■ 98.2387, 103.7186,
71.1361

■ 3.1560, 3.3570,
0.5611

■ 125.5705,
132.5387, 94.5143

■ 1.2368, 1.3208,
0.0000

157.5527,
166.2568, 122.5238

■ 0.1351, 0.1572,
0.0000

194.5506,

■ 0.0000, 0.0000,

205.2573, 155.5832

0.0000

236.9297,
249.9246, 194.1110

■ 28.1084, 29.7298,
15.5662

■ 28.1084, 29.7298,
15.5662

■ 26.7517, 28.1222,
11.7051

■ 29.6524, 31.4557,
20.2799

■ 25.5699, 26.6243,
8.6420

■ 31.3909, 33.3000,
25.8927

■ 24.5522, 25.2324,
6.3190

■ 33.3333, 35.2681,
32.4497

■ 23.6856, 23.9408,
4.6691

■ 35.4879, 37.3635,
39.9925

■ 22.9550, 22.7429,
3.6135

■ 37.8623, 39.5899,
48.5602

■ 22.3949, 21.7552,
3.0188

■ 40.4638, 41.9505,
58.1900

■ 43.2992, 44.4484,
68.9168

■ 46.3752, 47.0869,
80.7742

■ 49.6982, 49.8687,
93.7943

Harmonies

Analogous

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



31.9497, 29.7298, 17.2198



28.1084, 29.7298, 15.5662



24.6245, 29.7298, 17.5017

Triad

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



28.1084, 29.7298, 15.5662



22.4270, 29.7298, 44.5211



35.1917, 29.7298, 43.6124

Complementary

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



28.1084, 29.7298, 15.5662



17.8518, 17.5189, 38.0378

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.



32.2309, 29.7298, 53.9115



28.1084, 29.7298, 15.5662



24.8609, 29.7298, 54.5139

Square

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



28.1084, 29.7298, 15.5662



21.5320, 29.7298, 32.7997



28.4067, 29.7298, 58.2833



36.2547, 29.7298, 31.9454

Rectangle

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



28.1084, 29.7298, 15.5662



22.9137, 29.7298, 20.8907



28.4067, 29.7298, 58.2833



34.3730, 29.7298, 47.4339

Sweetspot

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



28.1091, 29.7312, 15.5668



59.3299, 62.7970, 56.8518



22.8941, 17.7899, 18.4874



12.8752, 13.6333, 12.1024



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.



28.1091, 29.7312, 15.5668



48.2115, 50.7320, 21.7876



28.0317, 34.1754, 16.4287



7.4901, 7.9186, 7.5138



16.9844, 16.5427, 2.2979



0.3922, 0.4182, 0.0601

Inverse Universe

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



17.8518, 17.5189, 38.0378



27.4480, 26.0285, 67.3297



17.8594, 14.7682, 37.5065



6.8459, 7.1507, 8.9225



5.8460, 3.4714, 27.2917



0.1592, 0.1457, 0.5856

Previews

White Background



This preview shows how the XYZ color 28.1084, 29.7298, 15.5662 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 28.1084, 29.7298, 15.5662 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 28.1084, 29.7298, 15.5662

Background



This preview shows how black text looks on a background with the XYZ color 28.1084, 29.7298, 15.5662.



This preview shows how white text looks on a background with the XYZ color 28.1084, 29.7298,

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

28.1084, 29.7298, 15.5662

Protanopia

27.4925, 29.6387, 15.8271

Deuteranopia

30.2377, 29.6928, 15.6929



Tritanopia

31.7586, 29.6485, 33.3270

Trichromacy



Original Color

28.1084, 29.7298, 15.5662

Protanomaly

27.6948, 29.7430, 15.8366

Deuteranomaly

29.4114, 29.7126, 15.7402

Tritanomaly

30.2814, 29.7186, 25.6130

Monochromacy



Original Color

28.1084, 29.7298, 15.5662

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.7226, 29.3224, 24.9675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1084, 29.7298, 15.5662 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(165, 147, 97)` looks like.

```
.text, #text, p{  
    color:rgb(165, 147, 97)  
}
```

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(165, 147, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 147, 97) }
```

Border

The CSS property to change the border of an element to XYZ 28.1084, 29.7298, 15.5662 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(165, 147, 97) }
```


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

```
.border{ border-color:rgb(165, 147, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 147, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 147, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 147, 97);  
box-shadow:4px 4px 4px 4px rgb(165, 147,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1084, 29.7298, 15.5662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 147, 97) }
```

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

```
.background{ background-color: rgb(165,  
147, 97) }
```

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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