

Converting Colors

XYZ(29.1193, 28.3847, 31.5852)

Have a look what the booklet for
XYZ(29.1193, 28.3847, 31.5852)
contains.

XYZ(29.1417, 28.3363, 31.5373)	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(29.1417, 28.3363,
31.5373)**

Conversions

Conversions Part 1

Format	Color
Hex	A08C93
RGB	160, 140, 147
RGB Percent	63%, 55%, 58%
CMY	0.3725, 0.4510, 0.4235
CMYK	0.00, 0.12, 0.08, 0.37
HSL	339°, 10%, 59%
HSV	339°, 12%, 63%
XYZ	29.1417, 28.3363, 31.5373
YIQ	146.7780, 9.6730, 6.4170

Conversions

Conversions Part 2

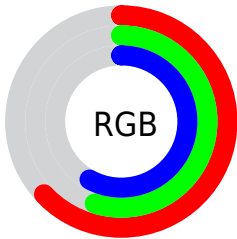
Format	Color
R _Y B	160, 140, 147
Decimal	10521747
CIE Lab	60.19, 8.74, -0.96
CIE LCh	60, 8.796, 353.711
Yxy	28.3363, 0.3274, 0.3183
Android (android.graphics.Color)	4288711827 (0xFFA08C93)
YUV	146.7780, 0.1094, 11.5957
Hunter-Lab	53.2319, 4.5638, 2.1358

Details

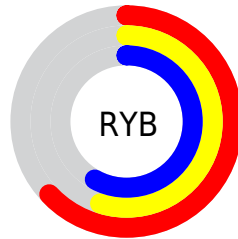
The XYZ color **29.1417, 28.3363, 31.5373** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.1368, 33.0176, 34.9758**, and the grayscale version is **27.6389, 29.0783, 31.6662**.

A 20% lighter version of the original color is **57.8587, 57.2477, 63.2588**, and **11.9982, 11.3635, 12.8703** is the 20% darker color. If you saturate the color by 10%, you get **26.1921, 23.6846, 26.7077**, and if you desaturate by 10%, it is **32.5067, 33.7000, 36.8702**.

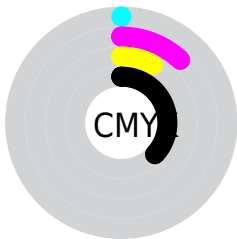
Distribution



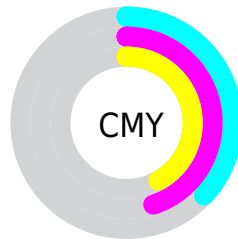
- Red (63%)
- Green (55%)
- Blue (58%)



- Red (63%)
- Yellow (55%)
- Blue (58%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (37%)



- Cyan (37%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1417, 28.3363, 31.5373 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 29.1417, 28.3363, 31.5373 by changing the saturation by 10% instead.

■ 29.1417, 28.3363,
31.5373

■ 29.1417, 28.3363,
31.5373

289.8651,
294.0704, 323.4336

■ 19.3329, 18.5793,
20.7464

■ 57.6981, 57.0209,
63.1745

■ 12.0165, 11.3667,
12.7494

■ 77.1765, 76.7173,
84.8579

■ 6.8272, 6.3141,
7.1275

■ 100.6087,
100.4957, 111.0092

■ 3.3996, 3.0370,
3.4623

128.3601,
128.7404, 142.0470

■ 1.3684, 1.1511,
1.3353

160.7961,
161.8358, 178.3898

■ 0.2336, 0.0212,
0.0904

198.2820,

■ 0.0000, 0.0000,

200.1664, 220.4561

0.0000

241.1832,
244.1164, 268.6645

■ 29.1417, 28.3363,
31.5373

■ 29.1417, 28.3363,
31.5373

■ 26.1921, 23.6846,
26.7077

■ 32.5067, 33.7000,
36.8702

■ 23.6390, 19.7110,
22.3645

■ 36.3002, 39.8000,
42.7190

■ 21.4654, 16.3848,
18.4924

■ 40.5379, 46.6644,
49.0981

■ 19.6522, 13.6711,
15.0744

■ 45.2338, 54.3184,
56.0209

■ 18.1787, 11.5318,
12.0928

■ 50.4013, 62.7861,
63.5001

■ 17.0217, 9.9247,
9.5283

■ 56.0533, 72.0907,
71.5482

■ 16.1551, 8.8013,
7.3598

■ 62.2022, 82.2544,
80.1770

■ 15.5483, 8.1044,
5.5641

■ 64.5700, 84.7187,
87.9682

■ 15.2108, 7.7590,
4.4356

■ 66.0768, 85.3214,
95.9027

Harmonies

Analogous

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



28.7151, 28.3363, 34.6690



29.1417, 28.3363, 31.5373



28.9632, 28.3363, 28.4275

Triad

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



29.1417, 28.3363, 31.5373



26.0719, 28.3363, 25.5195



25.6721, 28.3363, 36.1237

Complementary

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



29.1417, 28.3363, 31.5373



29.1368, 33.0176, 34.9758

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.



24.9995, 28.3363, 33.4135



29.1417, 28.3363, 31.5373



25.2258, 28.3363, 27.3286

Square

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



29.1417, 28.3363, 31.5373



27.1705, 28.3363, 25.0937



24.8384, 28.3363, 30.1795



26.6964, 28.3363, 37.4332

Rectangle

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



29.1417, 28.3363, 31.5373



28.5276, 28.3363, 26.7656



24.8384, 28.3363, 30.1795



25.3986, 28.3363, 35.3376

Sweetspot

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



29.1425, 28.3375, 31.5379



58.0066, 59.5637, 65.3545



28.8611, 28.0678, 37.1545



12.6218, 12.9036, 14.1763



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.



29.1425, 28.3375, 31.5379



51.3444, 48.9669, 54.7247



29.0542, 29.0131, 28.8812



6.7241, 6.6826, 7.3983



11.8681, 6.0518, 3.5566



0.2313, 0.1158, 0.1639

Inverse Universe

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



29.1425, 28.3375, 31.5379



51.3444, 48.9669, 54.7247



29.2182, 32.2282, 37.9387



6.7241, 6.6826, 7.3983



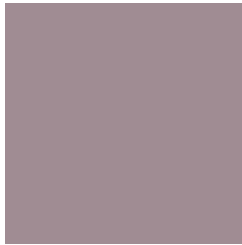
11.8681, 6.0518, 3.5566



0.2313, 0.1158, 0.1639

Previews

White Background



This preview shows how the XYZ color 29.1417, 28.3363, 31.5373 looks on a white background.

Color Contrast Check

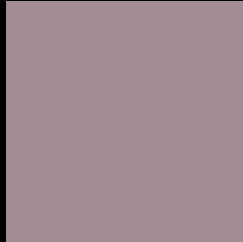
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1417, 28.3363, 31.5373 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

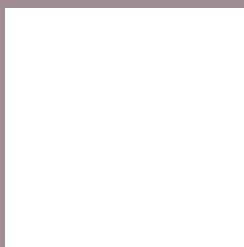
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1417, 28.3363, 31.5373

Background



This preview shows how black text looks on a background with the XYZ color 29.1417, 28.3363, 31.5373.



This preview shows how white text looks on a background with the XYZ color 29.1417, 28.3363,

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

29.1417, 28.3363, 31.5373

Protanopia

27.3323, 28.2595, 32.8682

Deuteranopia

28.8919, 28.4254, 31.5677



Tritanopia

29.2348, 28.1408, 32.7450

Trichromacy



Original Color

29.1417, 28.3363, 31.5373

Protanomaly

28.0098, 28.3942, 32.4381

Deuteranomaly

29.0894, 28.5273, 31.5769

Tritanomaly

29.1546, 28.1087, 32.3227

Monochromacy



Original Color

29.1417, 28.3363, 31.5373

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.1886, 28.7285, 31.6632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1417, 28.3363, 31.5373 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, 140, 147)` looks like.

```
.text, #text, p{  
    color:rgb(160, 140, 147)  
}
```

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, 140, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 140, 147) }
```

Border

The CSS property to change the border of an element to XYZ 29.1417, 28.3363, 31.5373 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, 140, 147) }
```


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

```
.border{ border-color:rgb(160, 140, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 140, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 140, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 140, 147);  
box-shadow:4px 4px 4px 4px rgb(160, 140,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1417, 28.3363, 31.5373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 140, 147) }
```

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

```
.background{ background-color: rgb(160,  
140, 147) }
```

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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