

Converting Colors

XYZ(29.8032, 30.5337, 39.2544)

Have a look what the booklet for
XYZ(29.8032, 30.5337, 39.2544)
contains.

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Color

**XYZ(29.8427, 30.5648,
39.4487)**

Conversions

Conversions Part 1

Format	Color
Hex	9595A4
RGB	149, 149, 164
RGB Percent	58%, 58%, 64%
CMY	0.4157, 0.4157, 0.3569
CMYK	0.09, 0.09, 0.00, 0.36
HSL	240°, 8%, 61%
HSV	240°, 9%, 64%
XYZ	29.8427, 30.5648, 39.4487
YIQ	150.7100, -4.8150, 4.6650

Conversions

Conversions Part 2

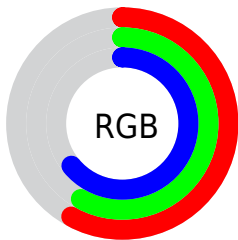
Format	Color
RYB	149, 149, 164
Decimal	9803172
CIELab	62.14, 3.03, -7.86
CIELCh	62, 8.422, 291.104
Yxy	30.5648, 0.2989, 0.3061
Android (android.graphics.Color)	4287993252 (0xFF9595A4)
YUV	150.7100, 6.5520, -1.4997
Hunter-Lab	55.2854, -0.3965, -3.6063

Details

The XYZ color **29.8427, 30.5648, 39.4487** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0102, 36.6130, 33.7088**, and the grayscale version is **29.2666, 30.7908, 33.5312**.

A 20% lighter version of the original color is **58.7707, 60.5229, 75.6024**, and **12.3293, 12.5019, 17.0925** is the 20% darker color. If you saturate the color by 10%, you get **24.6446, 24.3019, 38.5143**, and if you desaturate by 10%, it is **35.8292, 37.7780, 40.5259**.

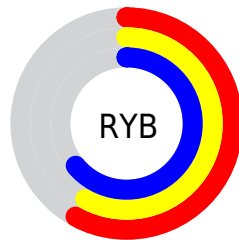
Distribution



Red (58%)

Green (58%)

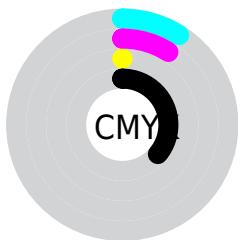
Blue (64%)



Red (58%)

Yellow (58%)

Blue (64%)

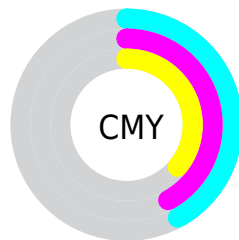


Cyan (9%)

Magenta (9%)

Yellow (0%)

Black (36%)



Cyan (42%)

Magenta (42%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8427, 30.5648, 39.4487 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 29.8427, 30.5648, 39.4487 by changing the saturation by 10% instead.

■ 29.8427, 30.5648,
39.4487

■ 29.8427, 30.5648,
39.4487

293.0936,
304.5283, 359.2772

■ 19.8667, 20.2677,
26.7985

■ 58.8017, 60.5542,
75.5512

■ 12.4059, 12.5898,
17.1908

■ 78.5153, 81.0153,
99.8405

■ 7.0949, 7.1467,
10.2072

102.2056,
105.6332, 128.8465

■ 3.5684, 3.5540,
5.4292

130.2379,
134.7923, 162.9879

■ 1.4610, 1.4273,
2.4381

162.9774,
168.8770, 202.6831

■ 0.2990, 0.2367,
0.8071

200.7897,

■ 0.0000, 0.0000,

208.2716, 248.3507

0.0000

244.0399,
253.3606, 300.4092

■ 29.8427, 30.5648,
39.4487

■ 29.8427, 30.5648,
39.4487

■ 24.6446, 24.3019,
38.5143

■ 35.8292, 37.7780,
40.5259

■ 20.1996, 18.9461,
37.7148

■ 42.6322, 45.9748,
41.7495

■ 16.4735, 14.4565,
37.0446

■ 50.2817, 55.1914,
43.1253

■ 13.4287, 10.7877,
36.4969

■ 58.8055, 65.4614,
44.6584

■ 11.0238, 7.8899,
36.0643

■ 68.2299, 76.8164,
46.3534

■ 9.2134, 5.7083,
35.7387

■ 78.5803, 89.2871,
48.2150

■ 7.9456, 4.1806,
35.5106

■ 83.7009, 95.4604,
49.1366

■ 7.1601, 3.2340,
35.3693

■ 6.7339, 2.7204,
35.2926

Harmonies

Analogous

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



28.7152, 30.5648, 39.8348



29.8427, 30.5648, 39.4487



30.7803, 30.5648, 37.3546

Triad

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



29.8427, 30.5648, 39.4487



30.4409, 30.5648, 28.6548



26.9506, 30.5648, 32.3241

Complementary

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



29.8427, 30.5648, 39.4487



34.0102, 36.6130, 33.7088

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.



27.3876, 30.5648, 29.5128



29.8427, 30.5648, 39.4487



29.3892, 30.5648, 27.4867

Square

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



29.8427, 30.5648, 39.4487



31.1318, 30.5648, 31.0828



28.2733, 30.5648, 27.7902



27.0649, 30.5648, 35.5781

Rectangle

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



29.8427, 30.5648, 39.4487



31.1619, 30.5648, 35.3423



28.2733, 30.5648, 27.7902



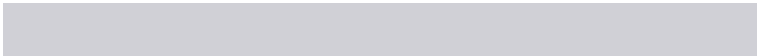
27.0375, 30.5648, 31.2993

Sweetspot

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



29.8436, 30.5661, 39.4494



60.6131, 63.2445, 72.7651



32.3487, 35.6123, 40.1731



13.0636, 13.6004, 15.8741



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.



29.8436, 30.5661, 39.4494



52.1109, 53.0003, 71.2359



31.2075, 31.2687, 39.5131



6.7006, 6.8601, 8.8740



5.1381, 2.0557, 27.0558



0.1080, 0.0432, 0.5685

Inverse Universe

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



31.4828, 31.5579, 32.8673



55.7065, 55.1760, 56.7978



32.5567, 35.8644, 33.6409



7.0738, 7.0860, 7.3752



11.7390, 6.0516, 0.5500



0.2467, 0.1272, 0.0116

Previews

White Background



This preview shows how the XYZ color 29.8427, 30.5648, 39.4487 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 29.8427, 30.5648, 39.4487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

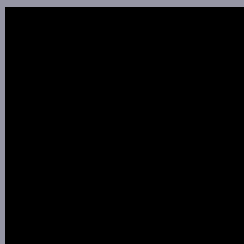
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

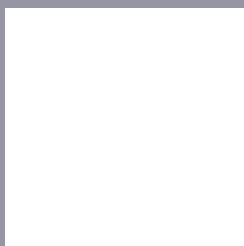
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.8427, 30.5648, 39.4487

Background



This preview shows how black text looks on a background with the XYZ color 29.8427, 30.5648, 39.4487.



This preview shows how white text looks on a background with the XYZ color 29.8427, 30.5648,

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

29.8427, 30.5648, 39.4487

Protanopia

29.8427, 30.5648, 39.4487

Deuteranopia

31.1710, 30.5435, 39.8499



Tritanopia

29.5749, 30.4577, 38.0384

Trichromacy



Original Color

29.8427, 30.5648, 39.4487

Protanomaly

29.8427, 30.5648, 39.4487

Deuteranomaly

30.7428, 30.5526, 39.8742

Tritanomaly

29.6635, 30.4931, 38.5047

Monochromacy



Original Color

29.8427, 30.5648, 39.4487

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.4848, 30.6970, 35.8236

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8427, 30.5648, 39.4487 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(149, 149, 164)` looks like.

```
.text, #text, p{  
    color:rgb(149, 149, 164)  
}
```

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(149, 149, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 149, 164) }
```

Border

The CSS property to change the border of an element to XYZ 29.8427, 30.5648, 39.4487 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(149, 149, 164) }
```


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

```
.border{ border-color:rgb(149, 149, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 149, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 149, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 149, 164);  
box-shadow:4px 4px 4px 4px rgb(149, 149,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8427, 30.5648, 39.4487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 149, 164) }
```

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

```
.background{ background-color: rgb(149,  
149, 164) }
```

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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