

Converting Colors

XYZ(29.0337, 28.5585, 38.7296)

Have a look what the booklet for
XYZ(29.0337, 28.5585, 38.7296)
contains.

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Color

**XYZ(29.0464, 28.5697,
38.6339)**

Conversions

Conversions Part 1

Format	Color
Hex	978EA3
RGB	151, 142, 163
RGB Percent	59%, 56%, 64%
CMY	0.4078, 0.4431, 0.3608
CMYK	0.07, 0.13, 0.00, 0.36
HSL	266°, 10%, 60%
HSV	266°, 13%, 64%
XYZ	29.0464, 28.5697, 38.6339
YIQ	147.0850, -1.3770, 8.4390

Conversions

Conversions Part 2

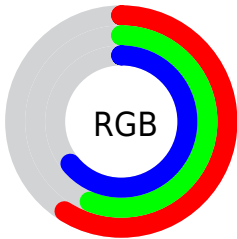
Format	Color
R_{YB}	151, 142, 163
Decimal	9932451
CIE Lab	60.40, 7.48, -9.87
CIE LCh	60, 12.379, 307.154
Yxy	28.5697, 0.3018, 0.2968
Android (android.graphics.Color)	4288122531 (0xFF978EA3)
YUV	147.0850, 7.8461, 3.4335
Hunter-Lab	53.4506, 3.4627, -5.4391

Details

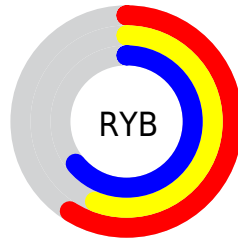
The XYZ color **29.0464, 28.5697, 38.6339** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3071, 35.0181, 30.7017**, and the grayscale version is **27.7380, 29.1826, 31.7798**.

A 20% lighter version of the original color is **57.5717, 57.5209, 74.3980**, and **11.9519, 11.5113, 16.6309** is the 20% darker color. If you saturate the color by 10%, you get **25.1355, 23.2135, 37.8066**, and if you desaturate by 10%, it is **33.4503, 34.7081, 39.5871**.

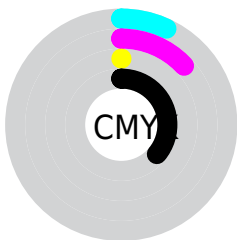
Distribution



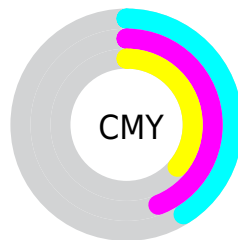
- Red (59%)
- Green (56%)
- Blue (64%)



- Red (59%)
- Yellow (56%)
- Blue (64%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (36%)



- Cyan (41%)
- Magenta (44%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0464, 28.5697, 38.6339 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 29.0464, 28.5697, 38.6339 by changing the saturation by 10% instead.

■ 29.0464, 28.5697,
38.6339

■ 29.0464, 28.5697,
38.6339

289.4241,
295.1792, 355.7109

■ 19.2604, 18.7555,
26.1694

■ 57.5478, 57.3927,
74.2929

■ 11.9637, 11.4938,
16.7235

■ 76.9940, 77.1704,
98.3244

■ 6.7910, 6.4000,
9.8777

■ 100.3909,
101.0380, 127.0488

■ 3.3769, 3.0898,
5.2134

128.1039,
129.3800, 160.8844

■ 1.3561, 1.1788,
2.3121

160.4983,
162.5807, 200.2499

■ 0.2246, 0.0443,
0.7380

197.9396,

■ 0.0000, 0.0000,

201.0245, 245.5638

0.0000

240.7931,
245.0959, 297.2446

■ 29.0464, 28.5697,
38.6339

■ 29.0464, 28.5697,
38.6339

■ 25.1355, 23.2135,
37.8066

■ 33.4503, 34.7081,
39.5871

■ 21.6966, 18.6035,
37.0980

■ 38.3620, 41.6554,
40.6691

■ 18.7108, 14.7063,
36.5032

■ 43.7989, 49.4414,
41.8855

■ 16.1569, 11.4847,
36.0160

■ 49.7768, 58.0936,
43.2404

■ 14.0118, 8.8977,
35.6297

■ 56.3108, 67.6379,
44.7383

■ 12.2501, 6.8997,
35.3369

■ 63.4154, 78.0992,
46.3830

■ 10.8429, 5.4390,
35.1291

■ 70.7511, 88.7949,
48.0609

■ 9.7565, 4.4541,
34.9962

■ 73.5853, 90.2560,
48.1935

■ 9.1259, 3.9409,
34.9304

■ 76.5782, 91.7989,
48.3336

Harmonies

Analogous

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



27.5378, 28.5697, 40.6458



29.0464, 28.5697, 38.6339



30.0755, 28.5697, 34.6383

Triad

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



29.0464, 28.5697, 38.6339



28.3610, 28.5697, 23.7053



24.2282, 28.5697, 32.2126

Complementary

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



29.0464, 28.5697, 38.6339



31.3071, 35.0181, 30.7017

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.



24.4293, 28.5697, 27.8253



29.0464, 28.5697, 38.6339



26.7751, 28.5697, 23.1920

Square

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



29.0464, 28.5697, 38.6339



29.6691, 28.5697, 26.1058



25.3469, 28.5697, 24.6282



24.7864, 28.5697, 36.7105

Rectangle

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



29.0464, 28.5697, 38.6339



30.3293, 28.5697, 31.5450



25.3469, 28.5697, 24.6282



24.2096, 28.5697, 30.6741

Sweetspot

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



29.0473, 28.5709, 38.6345



58.9186, 60.7730, 70.6811



29.3641, 31.5900, 39.2006



13.0990, 13.4618, 15.8455



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.



29.0473, 28.5709, 38.6345



50.2630, 48.7432, 68.8154



31.0331, 29.5946, 38.7275



6.9748, 7.0014, 8.8869



7.1425, 3.0886, 27.1495



0.2037, 0.0925, 0.5730

Inverse Universe

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



30.6110, 29.4669, 34.6475



53.5504, 50.6276, 60.4032



29.4387, 34.0549, 30.6143



7.2354, 7.1506, 8.2260



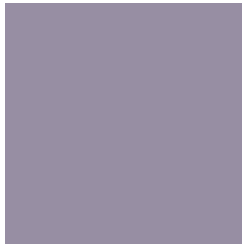
13.3026, 6.6771, 8.7842



0.3025, 0.1495, 0.3058

Previews

White Background



This preview shows how the XYZ color 29.0464, 28.5697, 38.6339 looks on a white background.

Color Contrast Check

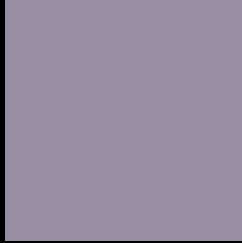
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0464, 28.5697, 38.6339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

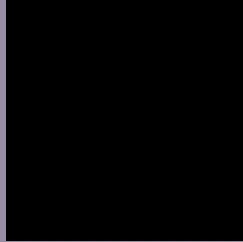
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0464, 28.5697, 38.6339

Background



This preview shows how black text looks on a background with the XYZ color 29.0464, 28.5697, 38.6339.



This preview shows how white text looks on a background with the XYZ color 29.0464, 28.5697,

38.6339.

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

29.0464, 28.5697, 38.6339

Protanopia

28.2446, 28.8071, 39.6690

Deuteranopia

29.2328, 28.6657, 38.6426



Tritanopia

28.3165, 28.4955, 35.0181

Trichromacy



Original Color

29.0464, 28.5697, 38.6339

Protanomaly

28.5282, 28.7378, 39.1653

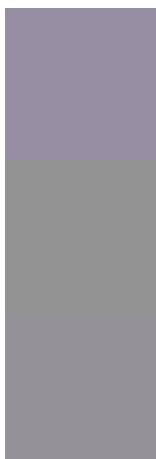
Deuteranomaly

29.2328, 28.6657, 38.6426

Tritanomaly

28.5717, 28.5976, 36.3617

Monochromacy



Original Color

29.0464, 28.5697, 38.6339

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.0879, 28.8466, 34.2246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0464, 28.5697, 38.6339 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(151, 142, 163)` looks like.

```
.text, #text, p{  
    color:rgb(151, 142, 163)  
}
```

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(151, 142, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 142, 163) }
```

Border

The CSS property to change the border of an element to XYZ 29.0464, 28.5697, 38.6339 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(151, 142, 163) }
```


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

```
.border{ border-color:rgb(151, 142, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 142, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 142, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 142, 163);  
box-shadow:4px 4px 4px 4px rgb(151, 142,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0464, 28.5697, 38.6339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 142, 163) }
```

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

```
.background{ background-color: rgb(151,  
142, 163) }
```

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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