

Converting Colors

XYZ(24.9762, 27.4201, 38.5573)

Have a look what the booklet for
XYZ(24.9762, 27.4201, 38.5573)
contains.

XYZ(24.9158, 27.3397, 38.6142)	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(24.9158, 27.3397,
38.6142)**

Conversions

Conversions Part 1

Format	Color
Hex	7A92A3
RGB	122, 146, 163
RGB Percent	48%, 57%, 64%
CMY	0.5216, 0.4274, 0.3608
CMYK	0.25, 0.10, 0.00, 0.36
HSL	205°, 18%, 56%
HSV	205°, 25%, 64%
XYZ	24.9158, 27.3397, 38.6142
YIQ	140.7620, -19.7610, 0.1990

Conversions

Conversions Part 2

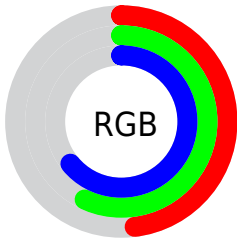
Format	Color
R_{YB}	122, 137, 163
Decimal	8032931
CIE _{Lab}	59.29, -4.52, -11.76
CIE _{LCh}	59, 12.597, 248.994
Yxy	27.3397, 0.2742, 0.3009
Android (android.graphics.Color)	4286223011 (0xFF7A92A3)
YUV	140.7620, 10.9633, -16.4543
Hunter-Lab	52.2874, -6.4447, -7.1845

Details

The XYZ color **24.9158, 27.3397, 38.6142** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.8501, 27.6571, 22.2835**, and the grayscale version is **25.1889, 26.5007, 28.8593**.

A 20% lighter version of the original color is **50.9884, 55.4845, 74.3519**, and **9.7246, 10.8912, 16.6286** is the 20% darker color. If you saturate the color by 10%, you get **21.7876, 24.2266, 38.1786**, and if you desaturate by 10%, it is **28.4944, 30.7778, 39.0897**.

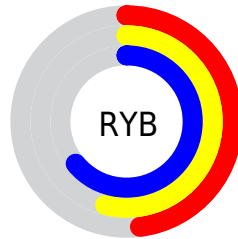
Distribution



Red (48%)

Green (57%)

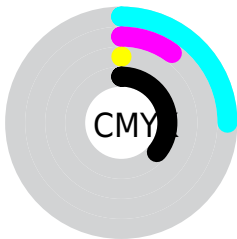
Blue (64%)



Red (48%)

Yellow (54%)

Blue (64%)

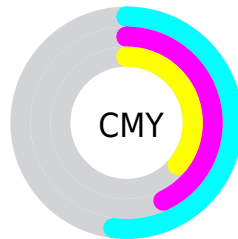


Cyan (25%)

Magenta (10%)

Yellow (0%)

Black (36%)



Cyan (52%)

Magenta (43%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9158, 27.3397, 38.6142 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 24.9158, 27.3397, 38.6142 by changing the saturation by 10% instead.

■ 24.9158, 27.3397,
38.6142

■ 24.9158, 27.3397,
38.6142

269.7737,
289.2981, 355.6243

■ 16.1427, 17.8285,
26.1542

■ 50.9645, 55.4285,
74.2624

■ 9.7167, 10.8269,
16.7122

■ 68.9708, 74.7749,
98.2877

■ 5.2723, 5.9506,
9.8698

■ 90.7856, 98.1685,
127.0052

■ 2.4443, 2.8151,
5.2082

116.7741,
125.9937, 160.8334

■ 0.8673, 1.0360,
2.3091

147.3019,
158.6348, 200.1909

■ 0.0000, 0.0000,
0.7363

182.7342,

■ 0.0000, 0.0000,

196.4764, 245.4962

0.0000

223.4363,
239.9027, 297.1678

■ 24.9158, 27.3397,
38.6142

■ 24.9158, 27.3397,
38.6142

■ 21.7876, 24.2266,
38.1786

■ 28.4944, 30.7778,
39.0897

■ 19.0869, 21.4231,
37.7799

■ 32.5399, 34.5488,
39.6043

■ 16.7926, 18.9174,
37.4171

■ 37.0709, 38.6645,
40.1599

■ 14.8804, 16.6952,
37.0890

■ 42.1043, 43.1352,
40.7576

■ 13.3234, 14.7411,
36.7939

■ 47.6561, 47.9705,
41.3982

■ 12.0905, 13.0372,
36.5300

■ 53.7416, 53.1795,
42.0830

■ 11.1431, 11.5618,
36.2951

■ 60.3754, 58.7714,
42.8126

■ 10.7412, 10.9049,
36.1895

■ 67.5716, 64.7545,
43.5882

■ 70.1213, 68.4450,
44.1662

Harmonies

Analogous

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



23.7038, 27.3397, 35.5615



24.9158, 27.3397, 38.6142



26.4615, 27.3397, 39.1752

Triad

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



24.9158, 27.3397, 38.6142



29.0906, 27.3397, 28.4339



24.1275, 27.3397, 23.5277

Complementary

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



24.9158, 27.3397, 38.6142



27.8501, 27.6571, 22.2835

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.



25.5154, 27.3397, 22.0024



24.9158, 27.3397, 38.6142



28.4092, 27.3397, 24.6411

Square

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



24.9158, 27.3397, 38.6142



28.9142, 27.3397, 32.9844



27.0855, 27.3397, 22.3884



23.2616, 27.3397, 26.7684

Rectangle

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



24.9158, 27.3397, 38.6142



27.4802, 27.3397, 38.0105



27.0855, 27.3397, 22.3884



24.5462, 27.3397, 22.8130

Sweetspot

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



24.9166, 27.3408, 38.6148



56.0154, 59.7863, 70.6437



25.7403, 32.1791, 29.0520



12.3406, 13.2046, 15.8358



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.



24.9166, 27.3408, 38.6148



41.4974, 45.8804, 68.7248



22.1112, 21.7299, 37.6797



7.0287, 7.5165, 8.9834



8.3933, 8.5661, 28.1408



0.2214, 0.2701, 0.6063

Inverse Universe

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



27.2528, 23.7816, 30.3493



46.4562, 38.6901, 51.0986



30.9986, 33.9541, 23.3330



7.2395, 7.1522, 8.2475



13.3820, 6.7089, 9.2024



0.3039, 0.1501, 0.3131

Previews

White Background



This preview shows how the XYZ color 24.9158, 27.3397, 38.6142 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 24.9158, 27.3397, 38.6142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

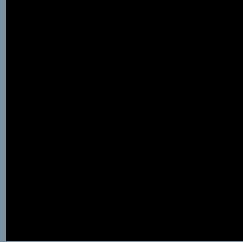
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

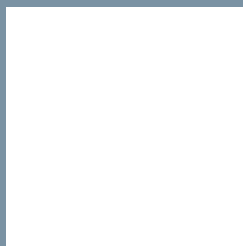
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9158, 27.3397, 38.6142

Background



This preview shows how black text looks on a background with the XYZ color 24.9158, 27.3397, 38.6142.



This preview shows how white text looks on a background with the XYZ color 24.9158, 27.3397,

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

24.9158, 27.3397, 38.6142

Protanopia

26.6853, 27.1633, 37.0943

Deuteranopia

27.7875, 27.2566, 38.9184



Tritanopia

24.4904, 27.4010, 36.3459

Trichromacy



Original Color

24.9158, 27.3397, 38.6142

Protanomaly

25.9283, 27.2047, 37.6027

Deuteranomaly

26.6904, 27.3447, 38.9933

Tritanomaly

24.6640, 27.4705, 37.2601

Monochromacy



Original Color

24.9158, 27.3397, 38.6142

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.0788, 26.8832, 32.3009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9158, 27.3397, 38.6142 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(122, 146, 163)` looks like.

```
.text, #text, p{  
    color:rgb(122, 146, 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(122, 146, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 146, 163) }
```

Border

The CSS property to change the border of an element to XYZ 24.9158, 27.3397, 38.6142 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(122, 146, 163) }
```


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

```
.border{ border-color:rgb(122, 146, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 146, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 146, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 146, 163);  
box-shadow:4px 4px 4px 4px rgb(122, 146,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9158, 27.3397, 38.6142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 146, 163) }
```

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

```
.background{ background-color: rgb(122,  
146, 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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