

Converting Colors

XYZ(26.4091, 27.8817, 38.6401)

Have a look what the booklet for
XYZ(26.4091, 27.8817, 38.6401)
contains.

XYZ(26.4091, 27.8817, 38.6401)	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(26.4091, 27.8817,
38.6401)**

Conversions

Conversions Part 1

Format	Color
Hex	8591A3
RGB	133, 145, 163
RGB Percent	52%, 57%, 64%
CMY	0.4784, 0.4314, 0.3608
CMYK	0.18, 0.11, 0.00, 0.36
HSL	216°, 14%, 58%
HSV	216°, 18%, 64%
XYZ	26.4091, 27.8817, 38.6401
YIQ	143.4640, -12.9300, 3.0540

Conversions

Conversions Part 2

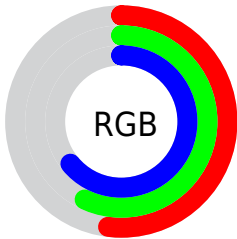
Format	Color
RYB	133, 142, 163
Decimal	8753571
CIELab	59.78, -0.38, -10.94
CIElCh	60, 10.946, 268.027
Yxy	27.8817, 0.2842, 0.3000
Android (android.graphics.Color)	4286943651 (0xFF8591A3)
YUV	143.4640, 9.6312, -9.1769
Hunter-Lab	52.8031, -3.1300, -6.4249

Details

The XYZ color **26.4091, 27.8817, 38.6401** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4046, 31.6130, 26.6903**, and the grayscale version is **26.2610, 27.6286, 30.0875**.

A 20% lighter version of the original color is **53.3280, 56.3479, 74.3952**, and **10.5287, 11.1711, 16.6402** is the 20% darker color. If you saturate the color by 10%, you get **22.6023, 23.7962, 38.0526**, and if you desaturate by 10%, it is **30.7456, 32.4326, 39.2904**.

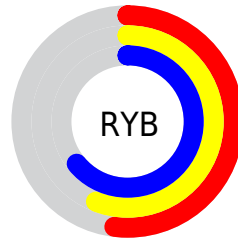
Distribution



Red (52%)

Green (57%)

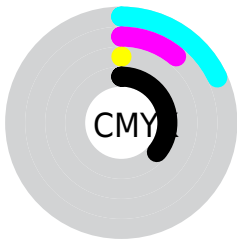
Blue (64%)



Red (52%)

Yellow (56%)

Blue (64%)

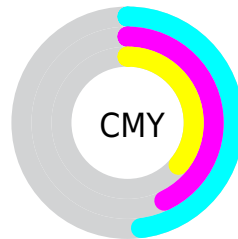


Cyan (18%)

Magenta (11%)

Yellow (0%)

Black (36%)



Cyan (48%)

Magenta (43%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4091, 27.8817, 38.6401 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 26.4091, 27.8817, 38.6401 by changing the saturation by 10% instead.

■ 26.4091, 27.8817,
38.6401

■ 26.4091, 27.8817,
38.6401

277.0046,
291.9012, 355.7381

■ 17.2642, 18.2365,
26.1742

■ 53.3608, 56.2955,
74.3025

■ 10.5195, 11.1199,
16.7271

■ 71.8983, 75.8329,
98.3360

■ 5.8096, 6.1476,
9.8802

■ 94.2975, 99.4365,
127.0625

■ 2.7692, 2.9350,
5.2150

120.9236,
127.4907, 160.9005

■ 1.0329, 1.0979,
2.3130

152.1420,
160.3799, 200.2685

■ 0.0000, 0.0000,
0.7385

188.3180,

■ 0.0000, 0.0000,

198.4884, 245.5850

0.0000

229.8171,
242.2007, 297.2687

■ 26.4091, 27.8817,
38.6401

■ 26.4091, 27.8817,
38.6401

■ 22.6023, 23.7962,
38.0526

■ 30.7456, 32.4326,
39.2904

■ 19.3011, 20.1569,
37.5241

■ 35.6296, 37.4606,
40.0035

■ 16.4832, 16.9479,
37.0533

■ 41.0810, 42.9812,
40.7818

■ 14.1234, 14.1511,
36.6378

■ 47.1181, 49.0081,
41.6269

■ 12.1943, 11.7468,
36.2754

■ 53.7583, 55.5544,
42.5404

■ 10.6651, 9.7136,
35.9635

■ 61.0182, 62.6327,
43.5241

■ 9.5001, 8.0269,
35.6994

■ 68.9138, 70.2553,
44.5792

■ 8.6371, 6.6484,
35.4788

■ 74.3014, 76.8053,
45.5596

■ 8.5134, 6.4493,
35.4469

■ 76.9938, 82.1900,
46.4570

Harmonies

Analogous

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



25.1149, 27.8817, 37.3018



26.4091, 27.8817, 38.6401



27.7724, 27.8817, 37.6039

Triad

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



26.4091, 27.8817, 38.6401



28.9227, 27.8817, 26.9125



24.3044, 27.8817, 26.4948

Complementary

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



26.4091, 27.8817, 38.6401



30.4046, 31.6130, 26.6903

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.



25.2685, 27.8817, 24.1091



26.4091, 27.8817, 38.6401



27.9366, 27.8817, 24.3351

Square

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



26.4091, 27.8817, 38.6401



29.2535, 27.8817, 30.6219



26.5926, 27.8817, 23.3537



23.9263, 27.8817, 30.0965

Rectangle

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



26.4091, 27.8817, 38.6401



28.5312, 27.8817, 35.7524



26.5926, 27.8817, 23.3537



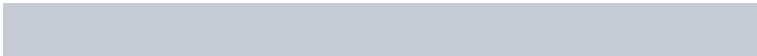
24.5690, 27.8817, 25.5362

Sweetspot

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



26.4099, 27.8828, 38.6407



56.9801, 60.0719, 70.6480



28.3159, 33.3996, 34.0205



12.6816, 13.3720, 15.8502



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.



26.4099, 27.8828, 38.6407



44.4561, 46.9073, 68.7671



25.0712, 24.6124, 38.0800



6.9222, 7.3033, 8.9479



6.6585, 5.0964, 27.5625



0.1855, 0.1982, 0.5943

Inverse Universe

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



28.6033, 26.6065, 30.4174



49.1433, 44.3355, 51.1586



31.9287, 35.4135, 27.3435



7.1857, 7.1307, 7.9643



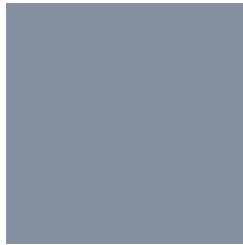
12.5064, 6.3586, 4.5912



0.2858, 0.1428, 0.2176

Previews

White Background



This preview shows how the XYZ color 26.4091, 27.8817, 38.6401 looks on a white background.

Color Contrast Check

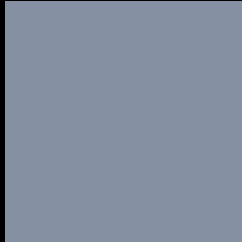
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4091, 27.8817, 38.6401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

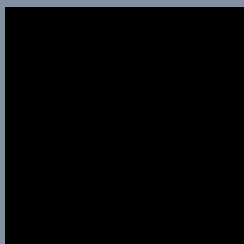
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4091, 27.8817, 38.6401

Background



This preview shows how black text looks on a background with the XYZ color 26.4091, 27.8817, 38.6401.



This preview shows how white text looks on a background with the XYZ color 26.4091, 27.8817,

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

26.4091, 27.8817, 38.6401

Protanopia

27.3286, 27.9163, 38.1304

Deuteranopia

28.2917, 27.7324, 38.9837



Tritanopia

25.9662, 27.9319, 36.3706

Trichromacy



Original Color

26.4091, 27.8817, 38.6401

Protanomaly

26.9761, 27.9584, 38.1571

Deuteranomaly

27.7015, 27.8660, 39.0406

Tritanomaly

26.1398, 28.0014, 37.2848

Monochromacy



Original Color

26.4091, 27.8817, 38.6401

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.1257, 27.6375, 32.8118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4091, 27.8817, 38.6401 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(133, 145, 163)` looks like.

```
.text, #text, p{  
    color:rgb(133, 145, 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(133, 145, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 145, 163) }
```

Border

The CSS property to change the border of an element to XYZ 26.4091, 27.8817, 38.6401 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(133, 145, 163) }
```


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

```
.border{ border-color:rgb(133, 145, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 145, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 145, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 145, 163);  
box-shadow:4px 4px 4px 4px rgb(133, 145,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4091, 27.8817, 38.6401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 145, 163) }
```

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

```
.background{ background-color: rgb(133,  
145, 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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