

Converting Colors

XYZ(25.3477, 28.0971, 38.0911)

Have a look what the booklet for
XYZ(25.3477, 28.0971, 38.0911)
contains.

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Color

**XYZ(25.2799, 27.9994,
38.2545)**

Conversions

Conversions Part 1

Format	Color
Hex	7B94A2
RGB	123, 148, 162
RGB Percent	48%, 58%, 64%
CMY	0.5176, 0.4196, 0.3647
CMYK	0.24, 0.09, 0.00, 0.36
HSL	202°, 17%, 56%
HSV	202°, 24%, 64%
XYZ	25.2799, 27.9994, 38.2545
YIQ	142.1210, -19.3940, -0.9460

Conversions

Conversions Part 2

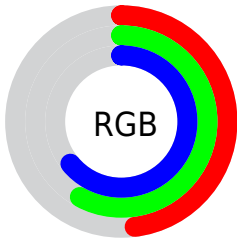
Format	Color
R_{YB}	123, 138, 162
Decimal	8098978
CIE _{Lab}	59.89, -5.55, -10.28
CIE _{LCh}	60, 11.687, 241.627
Y _{xy}	27.9994, 0.2762, 0.3059
Android (android.graphics.Color)	4286289058 (0xFF7B94A2)
Y _{UV}	142.1210, 9.8003, -16.7691
Hunter-Lab	52.9145, -7.3219, -5.8236

Details

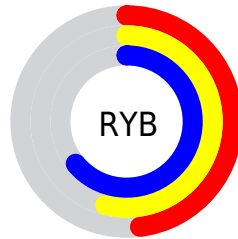
The XYZ color **25.2799, 27.9994, 38.2545** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.4215, 27.0030, 22.5064**, and the grayscale version is **25.7276, 27.0675, 29.4765**.

A 20% lighter version of the original color is **51.5494, 56.4809, 73.8306**, and **9.8368, 11.0916, 16.3743** is the 20% darker color. If you saturate the color by 10%, you get **22.2623, 25.1243, 37.8590**, and if you desaturate by 10%, it is **28.7285, 31.1662, 38.6844**.

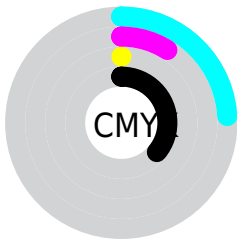
Distribution



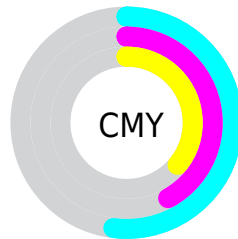
- Red (48%)
- Green (58%)
- Blue (64%)



- Red (48%)
- Yellow (54%)
- Blue (64%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (36%)



- Cyan (52%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2799, 27.9994, 38.2545 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 25.2799, 27.9994, 38.2545 by changing the saturation by 10% instead.

■ 25.2799, 27.9994,
38.2545

■ 25.2799, 27.9994,
38.2545

271.5510,
292.4640, 354.0413

■ 16.4156, 18.3252,
25.8769

■ 51.5506, 56.4835,
73.7058

■ 9.9114, 11.1837,
16.5066

■ 69.6876, 76.0622,
97.6166

■ 5.4021, 6.1905,
9.7251

■ 91.6462, 99.7111,
126.2089

■ 2.5222, 2.9613,
5.1139

117.7918,
127.8148, 159.9011

■ 0.9065, 1.1116,
2.2543

148.4898,
160.7575, 199.1120

■ 0.0000, 0.0000,
0.7055

184.1054,

■ 0.0000, 0.0000,

198.9237, 244.2599

0.0000

225.0040,
242.6977, 295.7635

■ 25.2799, 27.9994,
38.2545

■ 25.2799, 27.9994,
38.2545

■ 22.2623, 25.1243,
37.8590

■ 28.7285, 31.1662,
38.6844

■ 19.6538, 22.5263,
37.4951

■ 32.6238, 34.6315,
39.1480

■ 17.4339, 20.1948,
37.1621

■ 36.9838, 38.4064,
39.6468

■ 15.5796, 18.1167,
36.8587

■ 41.8246, 42.4999,
40.1818

■ 14.0650, 16.2777,
36.5835

■ 47.1616, 46.9211,
40.7539

■ 12.8605, 14.6614,
36.3351

■ 53.0095, 51.6783,
41.3639

■ 11.9308, 13.2486,
36.1113

■ 59.3822, 56.7796,
42.0127

■ 11.4572, 12.4798,
35.9879

■ 66.2933, 62.2329,
42.7011

■ 68.4939, 65.3331,
43.1835

Harmonies

Analogous

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



24.2568, 27.9994, 34.9744



25.2799, 27.9994, 38.2545



26.6937, 27.9994, 39.4037

Triad

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



25.2799, 27.9994, 38.2545



29.5671, 27.9994, 30.2552



25.1446, 27.9994, 24.0460

Complementary

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



25.2799, 27.9994, 38.2545



27.4215, 27.0030, 22.5064

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.



26.5317, 27.9994, 23.0278



25.2799, 27.9994, 38.2545



29.1161, 27.9994, 26.4001

Square

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



25.2799, 27.9994, 38.2545



29.2022, 27.9994, 34.5360



27.9913, 27.9994, 23.8486



24.1808, 27.9994, 26.7668

Rectangle

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



25.2799, 27.9994, 38.2545



27.6778, 27.9994, 38.7291



27.9913, 27.9994, 23.8486



25.5750, 27.9994, 23.5053

Sweetspot

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



25.2807, 28.0005, 38.2551



56.9736, 60.8865, 70.8056



25.5796, 31.8483, 28.3353



12.7065, 13.5956, 15.8920



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.



25.2807, 28.0005, 38.2551



42.7983, 47.9078, 69.0475



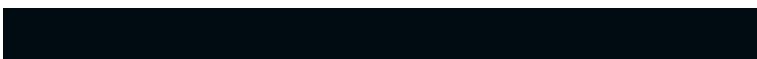
22.5211, 22.4813, 37.3353



7.0612, 7.5815, 8.9943



9.0679, 9.9153, 28.3657



0.2328, 0.2928, 0.6101

Inverse Universe

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



27.3293, 23.9862, 31.2076



47.2530, 39.5456, 53.6398



30.3897, 32.9393, 23.4958



7.2559, 7.1588, 8.3339



13.7225, 6.8451, 10.9955



0.3097, 0.1524, 0.3433

Previews

White Background



This preview shows how the XYZ color 25.2799, 27.9994, 38.2545 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 25.2799, 27.9994, 38.2545 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

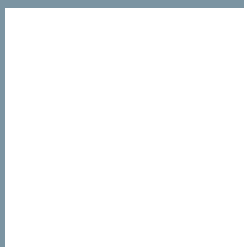
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2799, 27.9994, 38.2545

Background



This preview shows how black text looks on a background with the XYZ color 25.2799, 27.9994, 38.2545.



This preview shows how white text looks on a background with the XYZ color 25.2799, 27.9994,

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

25.2799, 27.9994, 38.2545

Protanopia

27.2358, 27.8989, 36.7504

Deuteranopia

28.4733, 27.8261, 38.9922



Tritanopia

25.1034, 27.9288, 37.3254

Trichromacy



Original Color

25.2799, 27.9994, 38.2545

Protanomaly

26.4622, 27.9398, 37.2559

Deuteranomaly

27.2485, 27.8647, 38.5926

Tritanomaly

25.1913, 27.9640, 37.7881

Monochromacy



Original Color

25.2799, 27.9994, 38.2545

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.3897, 27.2673, 32.3587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2799, 27.9994, 38.2545 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(123, 148, 162)` looks like.

```
.text, #text, p{  
    color:rgb(123, 148, 162)  
}
```

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(123, 148, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 148, 162) }
```

Border

The CSS property to change the border of an element to XYZ 25.2799, 27.9994, 38.2545 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(123, 148, 162) }
```


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

```
.border{ border-color:rgb(123, 148, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 148, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 148, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 148, 162);  
box-shadow:4px 4px 4px 4px rgb(123, 148,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2799, 27.9994, 38.2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 148, 162) }
```

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

```
.background{ background-color: rgb(123,  
148, 162) }
```

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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