

Converting Colors

XYZ(25.6268, 28.1993, 38.2468)

Have a look what the booklet for
XYZ(25.6268, 28.1993, 38.2468)
contains.

XYZ(25.5689, 28.1484, 38.2680)	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(25.5689, 28.1484,
38.2680)**

Conversions

Conversions Part 1

Format	Color
Hex	7D94A2
RGB	125, 148, 162
RGB Percent	49%, 58%, 64%
CMY	0.5098, 0.4196, 0.3647
CMYK	0.23, 0.09, 0.00, 0.36
HSL	203°, 17%, 56%
HSV	203°, 23%, 64%
XYZ	25.5689, 28.1484, 38.2680
YIQ	142.7190, -18.2020, -0.5220

Conversions

Conversions Part 2

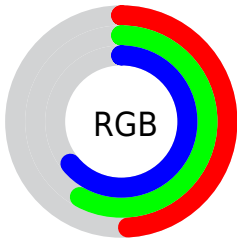
Format	Color
R_{YB}	125, 139, 162
Decimal	8230050
CIE _{Lab}	60.02, -4.91, -10.07
CIE _{LCh}	60, 11.203, 243.991
Yxy	28.1484, 0.2780, 0.3060
Android (android.graphics.Color)	4286420130 (0xFF7D94A2)
YUV	142.7190, 9.5055, -15.5396
Hunter-Lab	53.0551, -6.8216, -5.6266

Details

The XYZ color **25.5689, 28.1484, 38.2680** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.8348, 27.6273, 23.2681**, and the grayscale version is **25.9656, 27.3178, 29.7491**.

A 20% lighter version of the original color is **52.0050, 56.7158, 73.8519**, and **9.9908, 11.1710, 16.3815** is the 20% darker color. If you saturate the color by 10%, you get **22.4582, 25.1559, 37.8548**, and if you desaturate by 10%, it is **29.1179, 31.4439, 38.7175**.

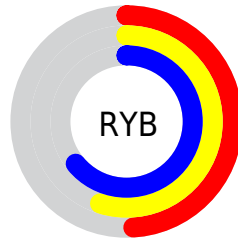
Distribution



Red (49%)

Green (58%)

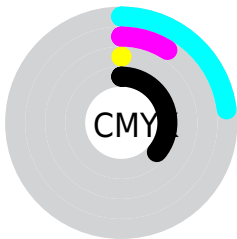
Blue (64%)



Red (49%)

Yellow (55%)

Blue (64%)

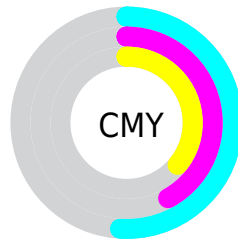


Cyan (23%)

Magenta (9%)

Yellow (0%)

Black (36%)



Cyan (51%)

Magenta (42%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5689, 28.1484, 38.2680 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 25.5689, 28.1484, 38.2680 by changing the saturation by 10% instead.

■ 25.5689, 28.1484,
38.2680

■ 25.5689, 28.1484,
38.2680

272.9550,
293.1753, 354.1008

■ 16.6324, 18.4376,
25.8873

■ 52.0149, 56.7213,
73.7267

■ 10.0664, 11.2646,
16.5143

■ 70.2552, 76.3521,
97.6418

■ 5.5056, 6.2451,
9.7306

■ 92.3274, 100.0584,
126.2388

■ 2.5846, 2.9947,
5.1174

118.5968,
128.2245, 159.9362

■ 0.9381, 1.1290,
2.2564

149.4290,
161.2349, 199.1525

■ 0.0000, 0.0025,
0.7066

185.1892,

■ 0.0000, 0.0000,

199.4739, 244.3064

0.0000

226.2428,
243.3259, 295.8163

■ 25.5689, 28.1484,
38.2680

■ 25.5689, 28.1484,
38.2680

■ 22.4582, 25.1559,
37.8548

■ 29.1179, 31.4439,
38.7175

■ 19.7639, 22.4517,
37.4748

■ 33.1209, 35.0495,
39.2025

■ 17.4658, 20.0250,
37.1276

■ 37.5959, 38.9761,
39.7245

■ 15.5409, 17.8627,
36.8117

■ 42.5589, 43.2333,
40.2847

■ 13.9635, 15.9504,
36.5257

■ 48.0255, 47.8300,
40.8838

■ 12.7046, 14.2717,
36.2680

■ 54.0102, 52.7748,
41.5228

■ 11.7296, 12.8076,
36.0368

■ 60.5271, 58.0761,
42.2026

■ 11.1474, 11.8601,
35.8846

■ 67.5897, 63.7416,
42.9239

■ 69.1563, 66.6579,
43.4042

Harmonies

Analogous

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



24.5430, 28.1484, 35.2556



25.5689, 28.1484, 38.2680



26.9457, 28.1484, 39.1758

Triad

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



25.5689, 28.1484, 38.2680



29.5860, 28.1484, 30.1050



25.2493, 28.1484, 24.5839

Complementary

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



25.5689, 28.1484, 38.2680



27.8348, 27.6273, 23.2681

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.



26.5637, 28.1484, 23.4587



25.5689, 28.1484, 38.2680



29.0944, 28.1484, 26.4619

Square

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



25.5689, 28.1484, 38.2680



29.2969, 28.1484, 34.2256



27.9756, 28.1484, 24.1147



24.3631, 28.1484, 27.3303

Rectangle

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



25.5689, 28.1484, 38.2680



27.8855, 28.1484, 38.4037



27.9756, 28.1484, 24.1147



25.6539, 28.1484, 24.0152

Sweetspot

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



25.5697, 28.1495, 38.2686



56.9043, 60.7480, 70.7825



26.0069, 32.0526, 29.0770



12.6898, 13.5622, 15.8865



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.



25.5697, 28.1495, 38.2686



43.6822, 48.4955, 69.1144



22.9533, 22.9167, 37.3965



7.0499, 7.5588, 8.9905



8.8245, 9.4284, 28.2845



0.2287, 0.2848, 0.6088

Inverse Universe

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



27.5799, 24.4873, 31.2912



47.9872, 40.9422, 54.1060



30.6707, 33.2991, 24.2134



7.2502, 7.1565, 8.3037



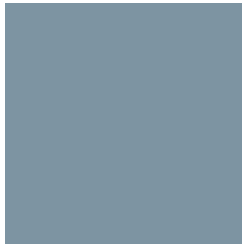
13.5997, 6.7959, 10.3483



0.3076, 0.1515, 0.3326

Previews

White Background



This preview shows how the XYZ color 25.5689, 28.1484, 38.2680 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 25.5689, 28.1484, 38.2680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

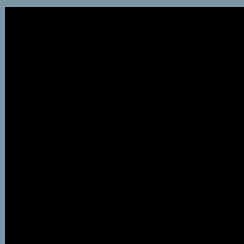
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

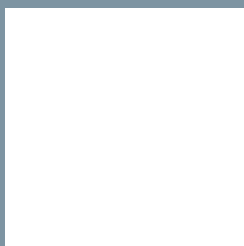
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5689, 28.1484, 38.2680

Background



This preview shows how black text looks on a background with the XYZ color 25.5689, 28.1484, 38.2680.

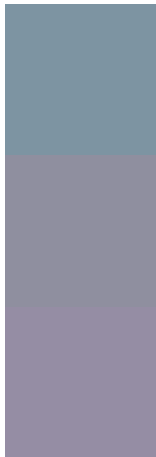


This preview shows how white text looks on a background with the XYZ color 25.5689, 28.1484,

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

25.5689, 28.1484, 38.2680

Protanopia

27.4082, 27.9878, 36.7585

Deuteranopia

28.6201, 28.1196, 39.0411



Tritanopia

25.3925, 28.0778, 37.3389

Trichromacy



Original Color

25.5689, 28.1484, 38.2680

Protanomaly

26.6239, 28.0231, 37.2635

Deuteranomaly

27.3993, 28.1663, 38.6429

Tritanomaly

25.4804, 28.1130, 37.8016

Monochromacy



Original Color

25.5689, 28.1484, 38.2680

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.7838, 27.6870, 32.8393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5689, 28.1484, 38.2680 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(125, 148, 162)` looks like.

```
.text, #text, p{  
    color:rgb(125, 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(125, 148, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 148, 162) }
```

Border

The CSS property to change the border of an element to XYZ 25.5689, 28.1484, 38.2680 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(125, 148, 162) }
```


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

```
.border{ border-color:rgb(125, 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(125, 148, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 148, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 148, 162);  
box-shadow:4px 4px 4px 4px rgb(125, 148,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5689, 28.1484, 38.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 148, 162) }
```

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

```
.background{ background-color: rgb(125,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor