

Converting Colors

XYZ(25.5061, 28.5968, 34.3139)

Have a look what the booklet for
XYZ(25.5061, 28.5968, 34.3139)
contains.

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Color

**XYZ(25.5582, 28.7018,
34.3299)**

Conversions

Conversions Part 1

Format	Color
Hex	809699
RGB	128, 150, 153
RGB Percent	50%, 59%, 60%
CMY	0.4980, 0.4118, 0.4000
CMYK	0.16, 0.02, 0.00, 0.40
HSL	187°, 11%, 55%
HSV	187°, 16%, 60%
XYZ	25.5582, 28.7018, 34.3299
YIQ	143.7640, -14.0750, -3.7310

Conversions

Conversions Part 2

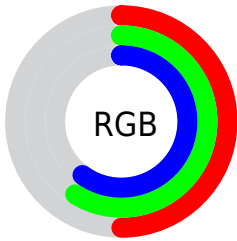
Format	Color
R_{YB}	128, 140, 153
Decimal	8427161
CIE _{Lab}	60.52, -7.09, -4.20
CIE _{LCh}	61, 8.240, 210.620
Yxy	28.7018, 0.2885, 0.3240
Android (android.graphics.Color)	4286617241 (0xFF809699)
YUV	143.7640, 4.5533, -13.8250
Hunter-Lab	53.5741, -8.5989, -0.4908

Details

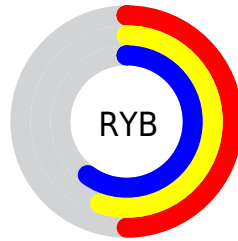
The XYZ color **25.5582, 28.7018, 34.3299** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1496, 24.5634, 23.8383**, and the grayscale version is **26.4013, 27.7763, 30.2483**.

A 20% lighter version of the original color is **51.9114, 57.5145, 67.3969**, and **10.0020, 11.5027, 14.2635** is the 20% darker color. If you saturate the color by 10%, you get **23.1379, 27.0236, 34.1340**, and if you desaturate by 10%, it is **28.3318, 30.5704, 34.5449**.

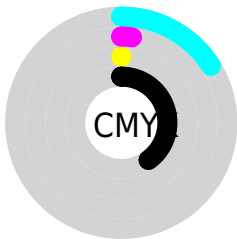
Distribution



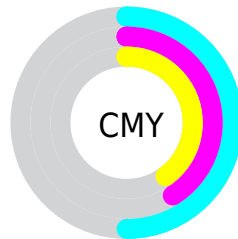
- Red (50%)
- Green (59%)
- Blue (60%)



- Red (50%)
- Yellow (55%)
- Blue (60%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.5582, 28.7018, 34.3299 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 25.5582, 28.7018, 34.3299 by changing the saturation by 10% instead.

■ 25.5582, 28.7018,
34.3299

■ 25.5582, 28.7018,
34.3299

272.9032,
295.8054, 336.4145

■ 16.6244, 18.8554,
22.8677

■ 51.9977, 57.6030,
67.5861

■ 10.0607, 11.5658,
14.2915

■ 70.2342, 77.4265,
90.2172

■ 5.5018, 6.4488,
8.1826

■ 92.3022, 101.3445,
117.4085

■ 2.5823, 3.1198,
4.1226

118.5671,
129.7413, 149.5783

■ 0.9370, 1.1946,
1.6928

149.3943,
163.0014, 187.1453

■ 0.0000, 0.0573,
0.3558

185.1491,

■ 0.0000, 0.0000,

201.5092, 230.5279

0.0000

226.1970,
245.6491, 280.1448

■ 25.5582, 28.7018,
34.3299

■ 25.5582, 28.7018,
34.3299

■ 23.1379, 27.0236,
34.1340

■ 28.3318, 30.5704,
34.5449

■ 21.0529, 25.5243,
33.9545

■ 31.4707, 32.6335,
34.7776

■ 19.2874, 24.1964,
33.7912

■ 34.9895, 34.8992,
35.0295

■ 17.8232, 23.0306,
33.6434

■ 38.9011, 37.3744,
35.3011

■ 16.6403, 22.0165,
33.5100

■ 43.2180, 40.0654,
35.5930

■ 15.7164, 21.1425,
33.3900

■ 47.9520, 42.9784,
35.9057

■ 15.0255, 20.3953,
33.2822

■ 53.1144, 46.1192,
36.2399

■ 14.5295, 19.7551,
33.1848

■ 58.7161, 49.4935,
36.5959

■ 14.3657, 19.5316,
33.1502

■ 60.7199, 51.0201,
36.7850

Harmonies

Analogous

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



25.2863, 28.7018, 31.3148



25.5582, 28.7018, 34.3299



26.2893, 28.7018, 36.6368

Triad

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



25.5582, 28.7018, 34.3299



29.1010, 28.7018, 34.2131



27.2581, 28.7018, 25.7540

Complementary

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



25.5582, 28.7018, 34.3299



25.1496, 24.5634, 23.8383

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.



28.2956, 28.7018, 26.4214



25.5582, 28.7018, 34.3299



29.3762, 28.7018, 31.1880

Square

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



25.5582, 28.7018, 34.3299



28.3350, 28.7018, 36.5663



29.0779, 28.7018, 28.3626



26.2519, 28.7018, 26.4781

Rectangle

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



25.5582, 28.7018, 34.3299



26.9483, 28.7018, 37.3922



29.0779, 28.7018, 28.3626



27.6148, 28.7018, 25.8226

Sweetspot

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



25.5590, 28.7030, 34.3305



51.3996, 55.1865, 61.9150



24.3849, 29.0086, 25.7576



11.2737, 12.1354, 13.6657



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.5590, 28.7030, 34.3305



43.9398, 50.1435, 61.3348



23.6812, 24.9473, 33.7046



6.3214, 6.9001, 7.9276



11.8888, 16.1743, 27.4030



0.1933, 0.2729, 0.4149

Inverse Universe

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



26.3617, 24.4133, 32.1784



45.6977, 40.8669, 56.5950



26.9187, 28.1016, 24.4280



6.4293, 6.3109, 7.6409



14.4597, 7.0381, 19.4775



0.2240, 0.1084, 0.3325

Previews

White Background



This preview shows how the XYZ color 25.5582, 28.7018, 34.3299 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 25.5582, 28.7018, 34.3299 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

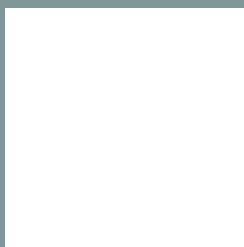
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.5582, 28.7018, 34.3299

Background



This preview shows how black text looks on a background with the XYZ color 25.5582, 28.7018, 34.3299.



This preview shows how white text looks on a background with the XYZ color 25.5582, 28.7018,

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

25.5582, 28.7018, 34.3299

Protanopia

27.6630, 28.6559, 32.9273

Deuteranopia

29.1516, 28.4842, 34.9719



Tritanopia

26.2337, 28.7352, 37.8820

Trichromacy



Original Color

25.5582, 28.7018, 34.3299

Protanomaly

26.8348, 28.6773, 33.3991

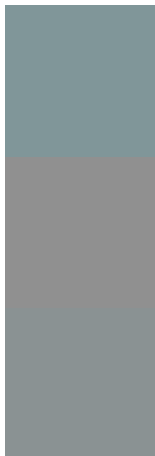
Deuteranomaly

27.6601, 28.3906, 34.5939

Tritanomaly

25.9723, 28.6306, 36.5051

Monochromacy



Original Color

25.5582, 28.7018, 34.3299

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.0266, 28.0676, 31.6496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5582, 28.7018, 34.3299 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(128, 150, 153)` looks like.

```
.text, #text, p{  
    color:rgb(128, 150, 153)  
}
```

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(128, 150, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 150, 153) }
```

Border

The CSS property to change the border of an element to XYZ 25.5582, 28.7018, 34.3299 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(128, 150, 153) }
```


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

```
.border{ border-color:rgb(128, 150, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 150, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 150, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 150, 153);  
box-shadow:4px 4px 4px 4px rgb(128, 150,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5582, 28.7018, 34.3299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 150, 153) }
```

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

```
.background{ background-color: rgb(128,  
150, 153) }
```

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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