

Converting Colors

XYZ(25.7948, 28.0206, 34.2222)

Have a look what the booklet for
XYZ(25.7948, 28.0206, 34.2222)
contains.

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Color

**XYZ(25.8564, 28.1539,
34.2085)**

Conversions

Conversions Part 1

Format	Color
Hex	859399
RGB	133, 147, 153
RGB Percent	52%, 58%, 60%
CMY	0.4784, 0.4235, 0.4000
CMYK	0.13, 0.04, 0.00, 0.40
HSL	198°, 9%, 56%
HSV	198°, 13%, 60%
XYZ	25.8564, 28.1539, 34.2085
YIQ	143.4980, -10.2700, -1.1020

Conversions

Conversions Part 2

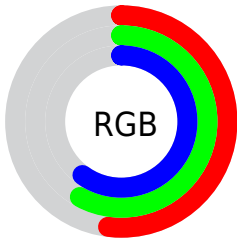
Format	Color
R_{YB}	133, 141, 153
Decimal	8754073
CIE _{Lab}	60.03, -3.73, -4.88
CIE _{LCh}	60, 6.142, 232.625
Yxy	28.1539, 0.2931, 0.3191
Android (android.graphics.Color)	4286944153 (0xFF859399)
YUV	143.4980, 4.6845, -9.2067
Hunter-Lab	53.0602, -5.8719, -1.0827

Details

The XYZ color **25.8564, 28.1539, 34.2085** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.6034, 26.9310, 25.9870**, and the grayscale version is **26.2930, 27.6623, 30.1243**.

A 20% lighter version of the original color is **52.3988, 56.7174, 67.2173**, and **10.1484, 11.1641, 14.1904** is the 20% darker color. If you saturate the color by 10%, you get **22.9154, 25.6003, 33.8711**, and if you desaturate by 10%, it is **29.1794, 30.9482, 34.5732**.

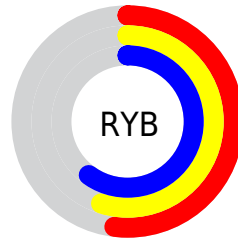
Distribution



Red (52%)

Green (58%)

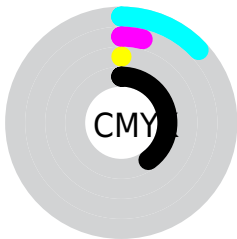
Blue (60%)



Red (52%)

Yellow (55%)

Blue (60%)

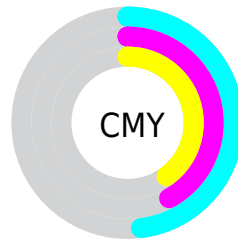


Cyan (13%)

Magenta (4%)

Yellow (0%)

Black (40%)



Cyan (48%)

Magenta (42%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8564, 28.1539, 34.2085 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 25.8564, 28.1539, 34.2085 by changing the saturation by 10% instead.

■ 25.8564, 28.1539,
34.2085

■ 25.8564, 28.1539,
34.2085

274.3461,
293.2016, 335.8582

■ 16.8484, 18.4417,
22.7752

■ 52.4761, 56.7301,
67.3954

■ 10.2211, 11.2676,
14.2238

■ 70.8186, 76.3628,
89.9860

■ 5.6092, 6.2471,
8.1360

■ 93.0032, 100.0712,
117.1328

■ 2.6473, 2.9959,
4.0931

119.3953,
128.2396, 149.2543

■ 0.9701, 1.1296,
1.6765

150.3603,
161.2525, 186.7690

■ 0.0000, 0.0030,
0.3446

186.2635,

■ 0.0000, 0.0000,

199.4942, 230.0956

0.0000

227.4703,
243.3491, 279.6525

■ 25.8564, 28.1539,
34.2085

■ 25.8564, 28.1539,
34.2085

■ 22.9154, 25.6003,
33.8711

■ 29.1794, 30.9482,
34.5732

■ 20.3385, 23.2753,
33.5581

■ 32.8964, 33.9877,
34.9639

■ 18.1099, 21.1713,
33.2694

■ 37.0222, 37.2810,
35.3822

■ 16.2117, 19.2782,
33.0041

■ 41.5696, 40.8354,
35.8286

■ 14.6241, 17.5857,
32.7611

■ 46.5513, 44.6578,
36.3038

■ 13.3255, 16.0818,
32.5392

■ 51.9792, 48.7548,
36.8085

■ 12.2908, 14.7531,
32.3373

■ 57.8646, 53.1327,
37.3433

■ 11.4904, 13.5840,
32.1538

■ 64.0705, 57.7212,
37.9019

■ 11.0196, 12.8395,
32.0349

■ 65.0373, 59.6548,
38.2242

Harmonies

Analogous

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



25.3944, 28.1539, 32.3427



25.8564, 28.1539, 34.2085



26.5668, 28.1539, 35.1302

Triad

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



25.8564, 28.1539, 34.2085



28.2796, 28.1539, 31.2113



26.1847, 28.1539, 26.8467

Complementary

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



25.8564, 28.1539, 34.2085



26.6034, 26.9310, 25.9870

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.



26.9530, 28.1539, 26.5766



25.8564, 28.1539, 34.2085



28.1725, 28.1539, 29.0267

Square

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



25.8564, 28.1539, 34.2085



27.9731, 28.1539, 33.3458



27.6833, 28.1539, 27.3562



25.5814, 28.1539, 28.1126

Rectangle

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



25.8564, 28.1539, 34.2085



27.0897, 28.1539, 35.0552



27.6833, 28.1539, 27.3562



26.4319, 28.1539, 26.6390

Sweetspot

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



25.8572, 28.1551, 34.2091



51.6250, 54.9001, 61.8478



25.7005, 29.6239, 28.6626



11.3027, 12.0421, 13.6461



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.



25.8572, 28.1551, 34.2091



44.5239, 48.8911, 61.0623



24.4163, 25.2733, 33.7288



6.2281, 6.7136, 7.8966



9.1374, 10.6715, 26.4859



0.1679, 0.2222, 0.4064

Inverse Universe

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



26.7916, 25.6546, 31.1449



46.5833, 43.4833, 54.2848



28.0658, 29.8559, 26.4745



6.3823, 6.2921, 7.3931



13.0709, 6.4826, 12.1644



0.2112, 0.1032, 0.2651

Previews

White Background



This preview shows how the XYZ color 25.8564, 28.1539, 34.2085 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 25.8564, 28.1539, 34.2085 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

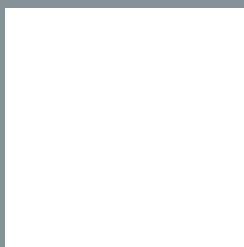
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8564, 28.1539, 34.2085

Background



This preview shows how black text looks on a background with the XYZ color 25.8564, 28.1539, 34.2085.



This preview shows how white text looks on a background with the XYZ color 25.8564, 28.1539,

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

25.8564, 28.1539, 34.2085

Protanopia

27.2362, 28.2006, 33.2859

Deuteranopia

28.5372, 27.9593, 34.4645



Tritanopia

26.2820, 28.0947, 36.3854

Trichromacy



Original Color

25.8564, 28.1539, 34.2085

Protanomaly

26.7774, 28.1805, 33.7338

Deuteranomaly

27.5093, 28.0890, 34.5437

Tritanomaly

26.1112, 28.0264, 35.4859

Monochromacy



Original Color

25.8564, 28.1539, 34.2085

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.2071, 27.9328, 31.6141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8564, 28.1539, 34.2085 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, 147, 153)` looks like.

```
.text, #text, p{  
    color:rgb(133, 147, 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(133, 147, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 147, 153) }
```

Border

The CSS property to change the border of an element to XYZ 25.8564, 28.1539, 34.2085 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, 147, 153) }
```


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

```
.border{ border-color:rgb(133, 147, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 147, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 147, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 147, 153);  
box-shadow:4px 4px 4px 4px rgb(133, 147,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8564, 28.1539, 34.2085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 147, 153) }
```

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

```
.background{ background-color: rgb(133,  
147, 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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