

Converting Colors

XYZ(25.6353, 28.8869, 34.3504)

Have a look what the booklet for
XYZ(25.6353, 28.8869, 34.3504)
contains.

XYZ(25.7185, 29.0223, 34.3834)	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(25.7185, 29.0223,
34.3834)**

Conversions

Conversions Part 1

Format	Color
Hex	809799
RGB	128, 151, 153
RGB Percent	50%, 59%, 60%
CMY	0.4980, 0.4078, 0.4000
CMYK	0.16, 0.01, 0.00, 0.40
HSL	185°, 11%, 55%
HSV	185°, 16%, 60%
XYZ	25.7185, 29.0223, 34.3834
YIQ	144.3510, -14.3500, -4.2540

Conversions

Conversions Part 2

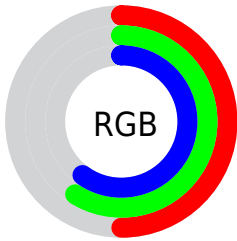
Format	Color
R_{YB}	128, 140, 153
Decimal	8427417
CIE _{Lab}	60.80, -7.64, -3.78
CIE _{LCh}	61, 8.524, 206.313
Yxy	29.0223, 0.2886, 0.3256
Android (android.graphics.Color)	4286617497 (0xFF809799)
YUV	144.3510, 4.2640, -14.3398
Hunter-Lab	53.8723, -9.0612, -0.1305

Details

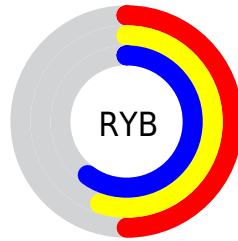
The XYZ color **25.7185, 29.0223, 34.3834** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.0161, 24.2962, 23.7939**, and the grayscale version is **26.6389, 28.0262, 30.5206**.

A 20% lighter version of the original color is **52.1499, 57.9914, 67.4764**, and **10.0973, 11.6934, 14.2952** is the 20% darker color. If you saturate the color by 10%, you get **23.3929, 27.5335, 34.2191**, and if you desaturate by 10%, it is **28.3949, 30.6965, 34.5660**.

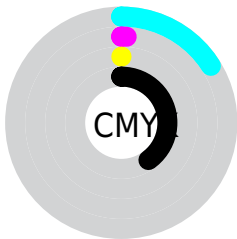
Distribution



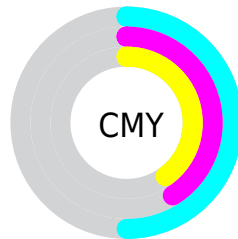
- Red (50%)
- Green (59%)
- Blue (60%)



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



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7185, 29.0223, 34.3834 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 25.7185, 29.0223, 34.3834 by changing the saturation by 10% instead.

■ 25.7185, 29.0223,
34.3834

■ 25.7185, 29.0223,
34.3834

273.6796,
297.3202, 336.6594

■ 16.7447, 19.0977,
22.9086

■ 52.2550, 58.1125,
67.6701

■ 10.1468, 11.7409,
14.3213

■ 70.5485, 78.0469,
90.3191

■ 5.5594, 6.5675,
8.2032

■ 92.6792, 102.0867,
117.5299

■ 2.6172, 3.1931,
4.1356

119.0126,
130.6162, 149.7210

■ 0.9547, 1.2334,
1.7000

149.9140,
164.0200, 187.3109

■ 0.0000, 0.0887,
0.3608

185.7487,

■ 0.0000, 0.0000,

202.6823, 230.7183

0.0000

226.8821,
246.9875, 280.3616

■ 25.7185, 29.0223,
34.3834

■ 25.7185, 29.0223,
34.3834

■ 23.3929, 27.5335,
34.2191

■ 28.3949, 30.6965,
34.5660

■ 21.4001, 26.2185,
34.0703

■ 31.4340, 32.5599,
34.7655

■ 19.7242, 25.0700,
33.9369

■ 34.8504, 34.6210,
34.9832

■ 18.3471, 24.0784,
33.8181

■ 38.6572, 36.8862,
35.2198

■ 17.2489, 23.2336,
33.7129

■ 42.8665, 39.3622,
35.4759

■ 16.4072, 22.5241,
33.6203

■ 47.4903, 42.0548,
35.7519

■ 15.7961, 21.9364,
33.5391

■ 52.5400, 44.9700,
36.0484

■ 15.3773, 21.4508,
33.4675

■ 58.0262, 48.1135,
36.3660

■ 15.2412, 21.2827,
33.4422

■ 59.9118, 49.4038,
36.5157

Harmonies

Analogous

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



25.5126, 29.0223, 31.2095



25.7185, 29.0223, 34.3834



26.4197, 29.0223, 36.9551

Triad

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



25.7185, 29.0223, 34.3834



29.3961, 29.0223, 35.1075



27.7221, 29.0223, 25.8932

Complementary

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



25.7185, 29.0223, 34.3834



25.0161, 24.2962, 23.7939

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.



28.7837, 29.0223, 26.7896



25.7185, 29.0223, 34.3834



29.7664, 29.0223, 31.9944

Square

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



25.7185, 29.0223, 34.3834



28.5402, 29.0223, 37.3924



29.5393, 29.0223, 28.9717



26.6510, 29.0223, 26.4396

Rectangle

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



25.7185, 29.0223, 34.3834



27.0837, 29.0223, 37.9082



29.5393, 29.0223, 28.9717



28.0921, 29.0223, 26.0341

Sweetspot

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



25.7193, 29.0235, 34.3841



51.4904, 55.3682, 61.9453



24.3008, 28.9750, 25.3146



11.2963, 12.1805, 13.6732



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.



25.7193, 29.0235, 34.3841



44.2960, 50.8560, 61.4535



23.8610, 25.3067, 33.7646



6.3423, 6.9421, 7.9346



12.6077, 17.6120, 27.6427



0.1993, 0.2849, 0.4169

Inverse Universe

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



26.4427, 24.4457, 32.6043



45.8775, 40.9388, 57.5419



26.7315, 27.7271, 24.3657



6.4399, 6.3151, 7.6967



14.8225, 7.1832, 21.3882



0.2270, 0.1096, 0.3484

Previews

White Background



This preview shows how the XYZ color 25.7185, 29.0223, 34.3834 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 25.7185, 29.0223, 34.3834 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

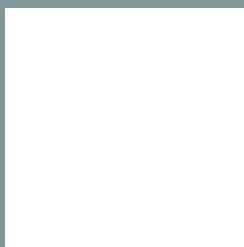
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7185, 29.0223, 34.3834

Background



This preview shows how black text looks on a background with the XYZ color 25.7185, 29.0223, 34.3834.



This preview shows how white text looks on a background with the XYZ color 25.7185, 29.0223,

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

25.7185, 29.0223, 34.3834

Protanopia

27.9966, 29.0557, 32.9869

Deuteranopia

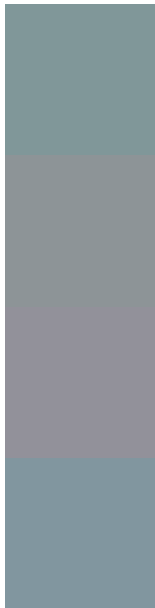
29.4940, 28.8807, 35.0304



Tritanopia

26.6339, 29.1672, 38.4085

Trichromacy



Original Color

25.7185, 29.0223, 34.3834

Protanomaly

27.1603, 29.0769, 33.4591

Deuteranomaly

27.8122, 28.6949, 34.6447

Tritanomaly

26.2176, 28.9830, 37.0134

Monochromacy



Original Color

25.7185, 29.0223, 34.3834

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.1814, 28.3773, 31.7012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7185, 29.0223, 34.3834 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, 151, 153)` looks like.

```
.text, #text, p{  
    color:rgb(128, 151, 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, 151, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 151, 153) }
```

Border

The CSS property to change the border of an element to XYZ 25.7185, 29.0223, 34.3834 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, 151, 153) }
```


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

```
.border{ border-color:rgb(128, 151, 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, 151, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 151, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 151, 153);  
box-shadow:4px 4px 4px 4px rgb(128, 151,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7185, 29.0223, 34.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 151, 153) }
```

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

```
.background{ background-color: rgb(128,  
151, 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](#).

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