

Converting Colors

XYZ(25.0376, 28.6325, 36.1053)

Have a look what the booklet for
XYZ(25.0376, 28.6325, 36.1053)
contains.

XYZ(25.0376, 28.6325, 36.1053)	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(25.0376, 28.6325,
36.1053)**

Conversions

Conversions Part 1

Format	Color
Hex	79979D
RGB	121, 151, 157
RGB Percent	47%, 59%, 62%
CMY	0.5255, 0.4078, 0.3843
CMYK	0.23, 0.04, 0.00, 0.38
HSL	190°, 16%, 55%
HSV	190°, 23%, 62%
XYZ	25.0376, 28.6325, 36.1053
YIQ	142.7140, -19.8060, -4.4940

Conversions

Conversions Part 2

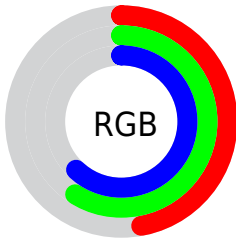
Format	Color
R_{YB}	121, 137, 157
Decimal	7968669
CIE _{Lab}	60.46, -9.03, -6.61
CIE _{LCh}	60, 11.192, 216.202
Yxy	28.6325, 0.2789, 0.3189
Android (android.graphics.Color)	4286158749 (0xFF79979D)
YUV	142.7140, 7.0430, -19.0432
Hunter-Lab	53.5093, -10.1193, -2.5492

Details

The XYZ color **25.0376, 28.6325, 36.1053** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.9455, 23.7275, 21.3549**, and the grayscale version is **25.9736, 27.3263, 29.7583**.

A 20% lighter version of the original color is **51.1705, 57.4148, 70.6725**, and **9.7572, 11.4945, 15.3401** is the 20% darker color. If you saturate the color by 10%, you get **22.5979, 26.7574, 35.8724**, and if you desaturate by 10%, it is **27.8465, 30.7132, 36.3593**.

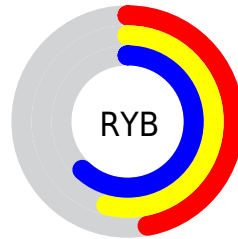
Distribution



Red (47%)

Green (59%)

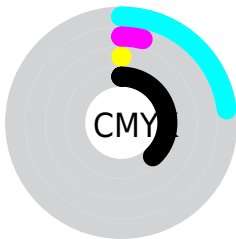
Blue (62%)



Red (47%)

Yellow (54%)

Blue (62%)

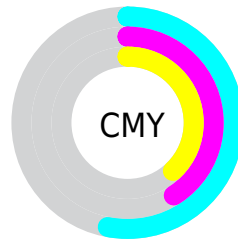


Cyan (23%)

Magenta (4%)

Yellow (0%)

Black (38%)



Cyan (53%)

Magenta (41%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.0376, 28.6325, 36.1053 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 25.0376, 28.6325, 36.1053 by changing the saturation by 10% instead.

■ 25.0376, 28.6325,
36.1053

■ 25.0376, 28.6325,
36.1053

270.3693,
295.4770, 344.4719

■ 16.2340, 18.8030,
24.2252

■ 51.1607, 57.4927,
70.3654

■ 9.7818, 11.5280,
15.2870

■ 69.2108, 77.2922,
93.5825

■ 5.3156, 6.4232,
8.8722

■ 91.0738, 101.1837,
121.4157

■ 2.4703, 3.1041,
4.5622

117.1150,
129.5518, 154.2836

■ 0.8803, 1.1863,
1.9386

147.6998,
162.7808, 192.6045

■ 0.0000, 0.0505,
0.5171

183.1936,

■ 0.0000, 0.0000,

201.2550, 236.7972

0.0000

223.9616,
245.3590, 287.2802

■ 25.0376, 28.6325,
36.1053

■ 25.0376, 28.6325,
36.1053

■ 22.5979, 26.7574,
35.8724

■ 27.8465, 30.7132,
36.3593

■ 20.5074, 25.0754,
35.6580

■ 31.0381, 33.0045,
36.6334

■ 18.7482, 23.5779,
35.4616

■ 34.6286, 35.5154,
36.9288

■ 17.2997, 22.2542,
35.2825

■ 38.6323, 38.2535,
37.2463

■ 16.1389, 21.0923,
35.1194

■ 43.0629, 41.2258,
37.5865

■ 15.2396, 20.0786,
34.9711

■ 47.9333, 44.4392,
37.9500

■ 14.5707, 19.1970,
34.8362

■ 53.2560, 47.9001,
38.3375

■ 14.1810, 18.6246,
34.7463

■ 59.0430, 51.6148,
38.7495

■ 62.5676, 54.1778,
39.0585

Harmonies

Analogous

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



24.5498, 28.6325, 32.0417



25.0376, 28.6325, 36.1053



26.1107, 28.6325, 39.0209

Triad

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



25.0376, 28.6325, 36.1053



29.8310, 28.6325, 34.4913



26.9159, 28.6325, 23.9289

Complementary

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



25.0376, 28.6325, 36.1053



24.9455, 23.7275, 21.3549

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.



28.3486, 28.6325, 24.4599



25.0376, 28.6325, 36.1053



30.0650, 28.6325, 30.3259

Square

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



25.0376, 28.6325, 36.1053



28.8851, 28.6325, 38.0330



29.5137, 28.6325, 26.7170



25.6093, 28.6325, 25.1969

Rectangle

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



25.0376, 28.6325, 36.1053



27.0311, 28.6325, 39.7898



29.5137, 28.6325, 26.7170



27.3984, 28.6325, 23.9046

Sweetspot

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



25.0384, 28.6337, 36.1059



53.0961, 57.3341, 65.3949



23.7345, 29.6962, 24.3559



11.6168, 12.5682, 14.3840



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



25.0384, 28.6337, 36.1059



42.3096, 49.3505, 64.4224



22.4415, 23.4397, 35.2403



6.7277, 7.3212, 8.4652



11.5405, 15.1725, 28.2276



0.2291, 0.3169, 0.5123

Inverse Universe

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



26.3286, 23.0779, 32.3463



45.1089, 37.5843, 56.2008



27.3903, 28.6171, 22.1698



6.8567, 6.7356, 8.0963



14.6233, 7.1539, 18.0652



0.2730, 0.1325, 0.3836

Previews

White Background



This preview shows how the XYZ color 25.0376, 28.6325, 36.1053 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 25.0376, 28.6325, 36.1053 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

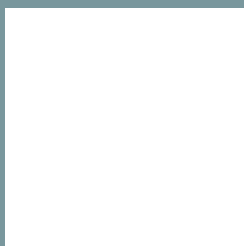
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.0376, 28.6325, 36.1053

Background



This preview shows how black text looks on a background with the XYZ color 25.0376, 28.6325, 36.1053.

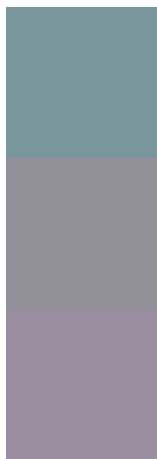


This preview shows how white text looks on a background with the XYZ color 25.0376, 28.6325,

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

25.0376, 28.6325, 36.1053

Protanopia

27.7292, 28.6617, 34.2078

Deuteranopia

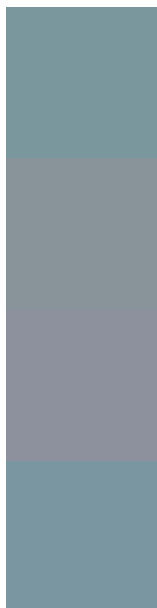
28.9198, 28.3253, 36.7440



Tritanopia

25.4540, 28.5589, 38.3533

Trichromacy



Original Color

25.0376, 28.6325, 36.1053

Protanomaly

26.5830, 28.5189, 34.6755

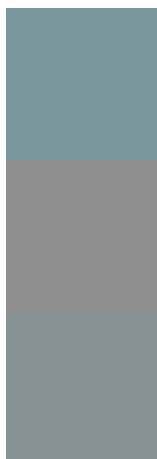
Deuteranomaly

27.2815, 28.3821, 36.3882

Tritanomaly

25.2775, 28.4883, 37.4242

Monochromacy



Original Color

25.0376, 28.6325, 36.1053

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.6159, 27.8468, 32.0418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0376, 28.6325, 36.1053 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(121, 151, 157)` looks like.

```
.text, #text, p{  
    color:rgb(121, 151, 157)  
}
```

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(121, 151, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 151, 157) }
```

Border

The CSS property to change the border of an element to XYZ 25.0376, 28.6325, 36.1053 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(121, 151, 157) }
```


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

```
.border{ border-color:rgb(121, 151, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 151, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 151, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 151, 157);  
box-shadow:4px 4px 4px 4px rgb(121, 151,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0376, 28.6325, 36.1053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 151, 157) }
```

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

```
.background{ background-color: rgb(121,  
151, 157) }
```

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