

Converting Colors

XYZ(25.8407, 28.1233, 37.4622)

Have a look what the booklet for
XYZ(25.8407, 28.1233, 37.4622)
contains.

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Color

**XYZ(25.8321, 28.0726,
37.3148)**

Conversions

Conversions Part 1

Format	Color
Hex	8193A0
RGB	129, 147, 160
RGB Percent	51%, 58%, 63%
CMY	0.4941, 0.4235, 0.3725
CMYK	0.19, 0.08, 0.00, 0.37
HSL	205°, 14%, 57%
HSV	205°, 19%, 63%
XYZ	25.8321, 28.0726, 37.3148
YIQ	143.1000, -14.9010, 0.2270

Conversions

Conversions Part 2

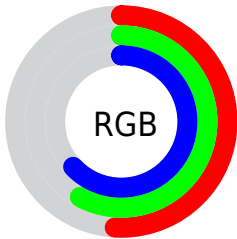
Format	Color
RYB	129, 140, 160
Decimal	8491936
CIELab	59.95, -3.51, -9.00
CIElCh	60, 9.666, 248.679
Yxy	28.0726, 0.2832, 0.3077
Android (android.graphics.Color)	4286682016 (0xFF8193A0)
YUV	143.1000, 8.3317, -12.3657
Hunter-Lab	52.9836, -5.6937, -4.6677

Details

The XYZ color **25.8321, 28.0726, 37.3148** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.1329, 28.4045, 24.7692**, and the grayscale version is **26.1210, 27.4813, 29.9272**.

A 20% lighter version of the original color is **52.4438, 56.6247, 72.4555**, and **10.2595, 11.3158, 16.1114** is the 20% darker color. If you saturate the color by 10%, you get **22.5766, 24.8912, 36.8728**, and if you desaturate by 10%, it is **29.5307, 31.5742, 37.7962**.

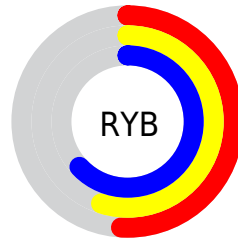
Distribution



Red (51%)

Green (58%)

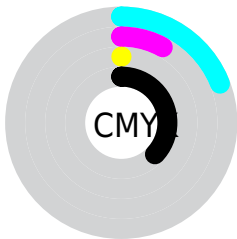
Blue (63%)



Red (51%)

Yellow (55%)

Blue (63%)

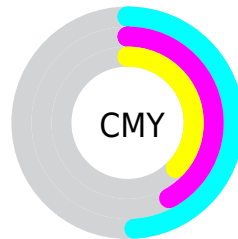


Cyan (19%)

Magenta (8%)

Yellow (0%)

Black (37%)



Cyan (49%)

Magenta (42%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8321, 28.0726, 37.3148 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 25.8321, 28.0726, 37.3148 by changing the saturation by 10% instead.

■ 25.8321, 28.0726,
37.3148

■ 25.8321, 28.0726,
37.3148

274.2287,
292.8137, 349.8811

■ 16.8301, 18.3804,
25.1536

■ 52.4372, 56.6003,
72.2484

■ 10.2080, 11.2234,
15.9715

■ 70.7710, 76.2046,
95.8579

■ 5.6004, 6.2173,
9.3498

■ 92.9461, 99.8818,
124.1206

■ 2.6420, 2.9777,
4.8702

119.3279,
128.0161, 157.4551

■ 0.9674, 1.1201,
2.1139

150.2817,
160.9921, 196.2798

■ 0.0000, 0.0000,
0.6240

186.1728,

■ 0.0000, 0.0000,

199.1941, 241.0134

0.0000

227.3667,
243.0065, 292.0743

■ 25.8321, 28.0726,
37.3148

■ 25.8321, 28.0726,
37.3148

■ 22.5766, 24.8912,
36.8728

■ 29.5307, 31.5742,
37.7962

■ 19.7431, 22.0154,
36.4670

■ 33.6874, 35.4030,
38.3162

■ 17.3122, 19.4345,
36.0970

■ 38.3195, 39.5703,
38.8764

■ 15.2620, 17.1354,
35.7613

■ 43.4428, 44.0854,
39.4778

■ 13.5684, 15.1041,
35.4585

■ 49.0722, 48.9574,
40.1215

■ 12.2042, 13.3249,
35.1869

■ 55.2218, 54.1952,
40.8084

■ 11.1376, 11.7797,
34.9449

■ 61.9055, 59.8069,
41.5393

■ 10.3014, 10.4319,
34.7288

■ 68.3958, 65.4191,
42.2805

■ 10.2520, 10.3517,
34.7159

■ 69.9907, 68.6090,
42.8121

Harmonies

Analogous

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



24.8795, 28.0726, 34.9943



25.8321, 28.0726, 37.3148



27.0404, 28.0726, 37.7571

Triad

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



25.8321, 28.0726, 37.3148



29.0872, 28.0726, 29.5562



25.2323, 28.0726, 25.5812

Complementary

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



25.8321, 28.0726, 37.3148



28.1329, 28.4045, 24.7692

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.



26.3271, 28.0726, 24.3518



25.8321, 28.0726, 37.3148



28.5699, 28.0726, 26.5285

Square

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



25.8321, 28.0726, 37.3148



28.9448, 28.0726, 33.0938



27.5507, 28.0726, 24.6848



24.5406, 28.0726, 28.1709

Rectangle

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



25.8321, 28.0726, 37.3148



27.8325, 28.0726, 36.8970



27.5507, 28.0726, 24.6848



25.5640, 28.0726, 25.0046

Sweetspot

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



25.8329, 28.0738, 37.3154



55.9851, 59.5281, 68.9259



26.5008, 31.7598, 30.2924



12.1818, 12.9659, 15.1043



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.8329, 28.0738, 37.3154



44.4040, 48.5534, 67.4179



23.5938, 23.5955, 36.5691



6.5885, 7.0428, 8.4188



8.0303, 8.1521, 27.0575



0.1848, 0.2282, 0.4975

Inverse Universe

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



27.6146, 25.2813, 31.0294



48.2471, 42.7334, 53.8126



30.5877, 33.3143, 25.5875



6.7864, 6.7075, 7.7264



12.8515, 6.4452, 8.7351



0.2506, 0.1236, 0.2658

Previews

White Background



This preview shows how the XYZ color 25.8321, 28.0726, 37.3148 looks on a white background.

Color Contrast Check

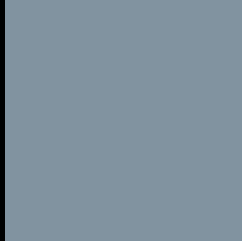
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8321, 28.0726, 37.3148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

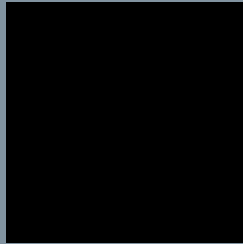
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

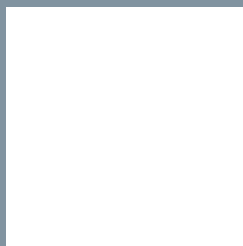
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8321, 28.0726, 37.3148

Background



This preview shows how black text looks on a background with the XYZ color 25.8321, 28.0726, 37.3148.

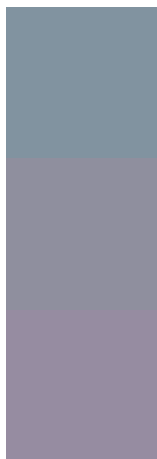


This preview shows how white text looks on a background with the XYZ color 25.8321, 28.0726,

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

25.8321, 28.0726, 37.3148

Protanopia

27.3217, 27.9532, 36.3032

Deuteranopia

28.3888, 27.8134, 37.5905



Tritanopia

25.7450, 28.0378, 36.8558

Trichromacy



Original Color

25.8321, 28.0726, 37.3148

Protanomaly

26.7125, 27.8530, 36.7692

Deuteranomaly

27.4108, 27.9689, 37.6720

Tritanomaly

25.7450, 28.0378, 36.8558

Monochromacy



Original Color

25.8321, 28.0726, 37.3148

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.8793, 27.5197, 32.3816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8321, 28.0726, 37.3148 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(129, 147, 160)` looks like.

```
.text, #text, p{  
    color:rgb(129, 147, 160)  
}
```

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(129, 147, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 147, 160) }
```

Border

The CSS property to change the border of an element to XYZ 25.8321, 28.0726, 37.3148 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(129, 147, 160) }
```


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

```
.border{ border-color:rgb(129, 147, 160) }
```

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

Here you see how a box with a 4 pixel rgb(129, 147, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 147, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 147, 160);  
box-shadow:4px 4px 4px 4px rgb(129, 147,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8321, 28.0726, 37.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 147, 160) }
```

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

```
.background{ background-color: rgb(129,  
147, 160) }
```

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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