

Converting Colors

XYZ(25.2810, 28.1934, 39.6920)

Have a look what the booklet for
XYZ(25.2810, 28.1934, 39.6920)
contains.

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Color

**XYZ(25.2847, 28.2046,
39.7087)**

Conversions

Conversions Part 1

Format	Color
Hex	7895A5
RGB	120, 149, 165
RGB Percent	47%, 58%, 65%
CMY	0.5294, 0.4157, 0.3529
CMYK	0.27, 0.10, 0.00, 0.35
HSL	201°, 20%, 56%
HSV	201°, 27%, 65%
XYZ	25.2847, 28.2046, 39.7087
YIQ	142.1530, -22.4200, -1.1720

Conversions

Conversions Part 2

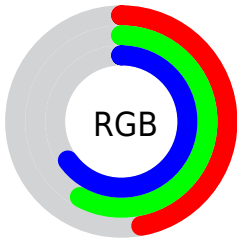
Format	Color
R_{YB}	120, 138, 165
Decimal	7902629
CIE _{Lab}	60.07, -6.33, -11.73
CIE _{LCh}	60, 13.330, 241.645
Yxy	28.2046, 0.2713, 0.3026
Android (android.graphics.Color)	4286092709 (0xFF7895A5)
YUV	142.1530, 11.2636, -19.4282
Hunter-Lab	53.1080, -7.9552, -7.1554

Details

The XYZ color **25.2847, 28.2046, 39.7087** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.7117, 26.9638, 21.5139**, and the grayscale version is **25.7355, 27.0758, 29.4855**.

A 20% lighter version of the original color is **51.5078, 56.7634, 75.9518**, and **9.8741, 11.2297, 17.2699** is the 20% darker color. If you saturate the color by 10%, you get **22.2859, 25.3161, 39.3097**, and if you desaturate by 10%, it is **28.7263, 31.3922, 40.1430**.

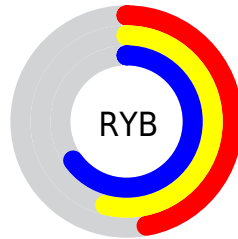
Distribution



Red (47%)

Green (58%)

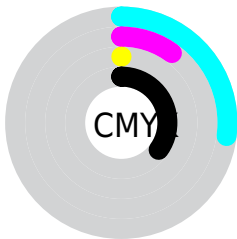
Blue (65%)



Red (47%)

Yellow (54%)

Blue (65%)

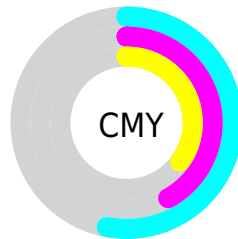


Cyan (27%)

Magenta (10%)

Yellow (0%)

Black (35%)



Cyan (53%)

Magenta (42%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2847, 28.2046, 39.7087 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 25.2847, 28.2046, 39.7087 by changing the saturation by 10% instead.

■ 25.2847, 28.2046,
39.7087

■ 25.2847, 28.2046,
39.7087

271.5744,
293.4433, 360.4098

■ 16.4192, 18.4799,
26.9994

■ 51.5583, 56.8109,
75.9520

■ 9.9140, 11.2951,
17.3404

■ 69.6970, 76.4614,
100.3230

■ 5.4038, 6.2657,
10.3129

■ 91.6576, 100.1893,
129.4185

■ 2.5232, 3.0073,
5.4986

117.8052,
128.3789, 163.6568

■ 0.9070, 1.1355,
2.4789

148.5054,
161.4147, 203.4565

■ 0.0000, 0.0081,
0.8289

184.1234,

■ 0.0000, 0.0000,

199.6811, 249.2362

0.0000

225.0246,
243.5625, 301.4145

■ 25.2847, 28.2046,
39.7087

■ 25.2847, 28.2046,
39.7087

■ 22.2859, 25.3161,
39.3097

■ 28.7263, 31.3922,
40.1430

■ 19.7065, 22.7114,
38.9429

■ 32.6275, 34.8864,
40.6119

■ 17.5245, 20.3791,
38.6077

■ 37.0076, 38.6989,
41.1169

■ 15.7151, 18.3050,
38.3027

■ 41.8835, 42.8393,
41.6591

■ 14.2499, 16.4737,
38.0265

■ 47.2717, 47.3170,
42.2394

■ 13.0965, 14.8672,
37.7772

■ 53.1877, 52.1410,
42.8587

■ 12.2043, 13.4583,
37.5523

■ 59.6464, 57.3198,
43.5179

■ 11.9808, 13.0950,
37.4939

■ 66.6620, 62.8616,
44.2178

■ 69.1047, 66.1228,
44.7185

Harmonies

Analogous

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



24.1196, 28.2046, 35.8890



25.2847, 28.2046, 39.7087



26.9016, 28.2046, 41.0523

Triad

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



25.2847, 28.2046, 39.7087



30.2102, 28.2046, 30.4420



25.1287, 28.2046, 23.4088

Complementary

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



25.2847, 28.2046, 39.7087



27.7117, 26.9638, 21.5139

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.



26.7139, 28.2046, 22.2693



25.2847, 28.2046, 39.7087



29.6883, 28.2046, 26.0549

Square

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



25.2847, 28.2046, 39.7087



29.7889, 28.2046, 35.3750



28.3905, 28.2046, 23.1852



24.0322, 28.2046, 26.4743

Rectangle

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



25.2847, 28.2046, 39.7087



28.0317, 28.2046, 40.2609



28.3905, 28.2046, 23.1852



25.6197, 28.2046, 22.8033

Sweetspot

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



25.2856, 28.2057, 39.7093



57.7881, 61.9086, 72.6561



25.6276, 32.6744, 28.1562



12.4035, 13.3304, 15.8568



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.2856, 28.2057, 39.7093



41.7927, 47.1762, 70.6555



22.0950, 21.8246, 38.6458



7.0632, 7.5855, 8.9949



9.1118, 10.0030, 28.3803



0.2335, 0.2943, 0.6103

Inverse Universe

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



27.6590, 23.6029, 31.5331



46.8827, 37.8030, 53.0097



31.1773, 33.8950, 22.6691



7.2569, 7.1592, 8.3392



13.7447, 6.8539, 11.1121



0.3100, 0.1525, 0.3452

Previews

White Background



This preview shows how the XYZ color 25.2847, 28.2046, 39.7087 looks on a white background.

Color Contrast Check

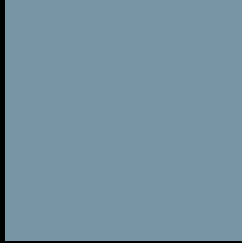
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2847, 28.2046, 39.7087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

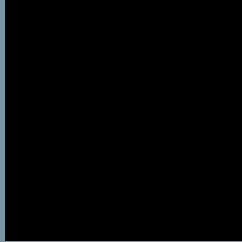
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

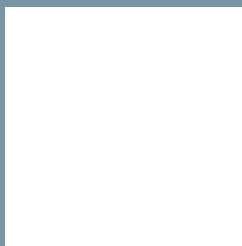
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2847, 28.2046, 39.7087

Background



This preview shows how black text looks on a background with the XYZ color 25.2847, 28.2046, 39.7087.



This preview shows how white text looks on a background with the XYZ color 25.2847, 28.2046,

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

25.2847, 28.2046, 39.7087

Protanopia

27.4108, 27.9689, 37.6720

Deuteranopia

28.7127, 28.1357, 40.4766



Tritanopia

25.0357, 28.3433, 38.3337

Trichromacy



Original Color

25.2847, 28.2046, 39.7087

Protanomaly

26.4785, 27.9278, 38.1774

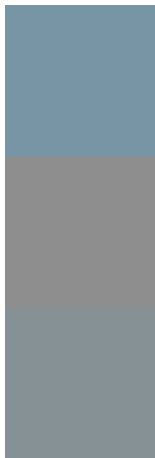
Deuteranomaly

27.3374, 28.1030, 40.0600

Tritanomaly

25.1250, 28.3790, 38.8038

Monochromacy



Original Color

25.2847, 28.2046, 39.7087

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.4619, 27.5211, 32.8243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2847, 28.2046, 39.7087 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(120, 149, 165)` looks like.

```
.text, #text, p{  
    color:rgb(120, 149, 165)  
}
```

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(120, 149, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 149, 165) }
```

Border

The CSS property to change the border of an element to XYZ 25.2847, 28.2046, 39.7087 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(120, 149, 165) }
```


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

```
.border{ border-color:rgb(120, 149, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 149, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 149, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 149, 165); box-shadow:4px 4px 4px 4px rgb(120, 149, 165) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2847, 28.2046, 39.7087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 149, 165) }
```

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

```
.background{ background-color: rgb(120,  
149, 165) }
```

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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