

Converting Colors

XYZ(25.3825, 29.3875, 36.7646)

Have a look what the booklet for
XYZ(25.3825, 29.3875, 36.7646)
contains.

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Color

**XYZ(25.3085, 29.2442,
36.6585)**

Conversions

Conversions Part 1

Format	Color
Hex	78999E
RGB	120, 153, 158
RGB Percent	47%, 60%, 62%
CMY	0.5294, 0.4000, 0.3804
CMYK	0.24, 0.03, 0.00, 0.38
HSL	188°, 16%, 55%
HSV	188°, 24%, 62%
XYZ	25.3085, 29.2442, 36.6585
YIQ	143.7030, -21.2730, -5.4410

Conversions

Conversions Part 2

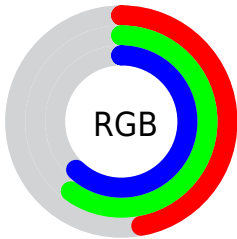
Format	Color
R_{YB}	120, 138, 158
Decimal	7903646
CIE Lab	61.00, -10.21, -6.38
CIE LCh	61, 12.041, 212.008
Yxy	29.2442, 0.2775, 0.3206
Android (android.graphics.Color)	4286093726 (0xFF78999E)
YUV	143.7030, 7.0484, -20.7875
Hunter-Lab	54.0779, -11.0982, -2.3372

Details

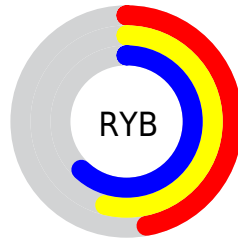
The XYZ color **25.3085, 29.2442, 36.6585** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.8245, 23.2923, 20.9573**, and the grayscale version is **26.3692, 27.7425, 30.2116**.

A 20% lighter version of the original color is **51.5566, 58.3140, 71.4892**, and **9.9310, 11.8664, 15.6769** is the 20% darker color. If you saturate the color by 10%, you get **22.9586, 27.5330, 36.4525**, and if you desaturate by 10%, it is **28.0277, 31.1561, 36.8847**.

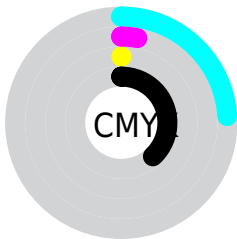
Distribution



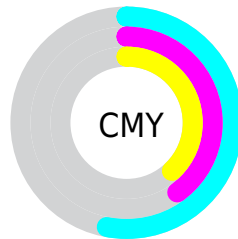
- Red (47%)
- Green (60%)
- Blue (62%)



- Red (47%)
- Yellow (54%)
- Blue (62%)



- Cyan (24%)
- Magenta (3%)
- Yellow (0%)
- Black (38%)



- Cyan (53%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3085, 29.2442, 36.6585 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 25.3085, 29.2442, 36.6585 by changing the saturation by 10% instead.

■ 25.3085, 29.2442,
36.6585

■ 25.3085, 29.2442,
36.6585

271.6902,
298.3654, 346.9537

■ 16.4370, 19.2656,
24.6495

■ 51.5966, 58.4648,
71.2277

■ 9.9267, 11.8624,
15.5995

■ 69.7438, 78.4757,
94.6249

■ 5.4123, 6.6500,
9.0899

■ 91.7137, 102.5995,
122.6554

■ 2.5284, 3.2442,
4.7023

117.8716,
131.2205, 155.7375

■ 0.9096, 1.2605,
2.0180

148.5829,
164.7232, 194.2898

■ 0.0000, 0.1103,
0.5663

184.2128,

■ 0.0000, 0.0000,

203.4920, 238.7309

0.0000

225.1268,
247.9113, 289.4794

■ 25.3085, 29.2442,
36.6585

■ 25.3085, 29.2442,
36.6585

■ 22.9586, 27.5330,
36.4525

■ 28.0277, 31.1561,
36.8847

■ 20.9575, 26.0096,
36.2640

■ 31.1301, 33.2736,
37.1299

■ 19.2870, 24.6653,
36.0925

■ 34.6320, 35.6060,
37.3955

■ 17.9259, 23.4892,
35.9373

■ 38.5482, 38.1608,
37.6823

■ 16.8506, 22.4691,
35.7970

■ 42.8925, 40.9454,
37.9908

■ 16.0340, 21.5909,
35.6706

■ 47.6782, 43.9664,
38.3216

■ 15.4435, 20.8377,
35.5563

■ 52.9180, 47.2307,
38.6755

■ 15.1487, 20.4228,
35.4918

■ 58.6240, 50.7443,
39.0530

■ 62.1082, 53.1217,
39.3282

Harmonies

Analogous

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



24.8806, 29.2442, 32.1464



25.3085, 29.2442, 36.6585



26.3999, 29.2442, 40.1215

Triad

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



25.3085, 29.2442, 36.6585



30.5535, 29.2442, 36.0841



27.6899, 29.2442, 23.9443

Complementary

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



25.3085, 29.2442, 36.6585



24.8245, 23.2923, 20.9573

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.



29.2400, 29.2442, 24.7878



25.3085, 29.2442, 36.6585



30.9301, 29.2442, 31.5394

Square

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



25.3085, 29.2442, 36.6585



29.4302, 29.2442, 39.7685



30.4408, 29.2442, 27.4670



26.2229, 29.2442, 25.0456

Rectangle

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



25.3085, 29.2442, 36.6585



27.3772, 29.2442, 41.2156



30.4408, 29.2442, 27.4670



28.2185, 29.2442, 24.0096

Sweetspot

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



25.3094, 29.2454, 36.6592



54.7162, 59.1961, 67.2856



23.6386, 29.9135, 23.7413



12.2653, 13.2978, 15.1639



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.



25.3094, 29.2454, 36.6592



43.5256, 51.3499, 66.3609



22.5214, 23.6695, 35.7298



6.7474, 7.3606, 8.4718



12.1528, 16.3972, 28.4317



0.2360, 0.3306, 0.5146

Inverse Universe

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



26.5674, 23.0025, 33.1781



46.2568, 38.0679, 58.7432



27.3788, 28.4009, 21.8087



6.8666, 6.7396, 8.1486



14.9324, 7.2775, 19.6928



0.2764, 0.1339, 0.4018

Previews

White Background



This preview shows how the XYZ color 25.3085, 29.2442, 36.6585 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 25.3085, 29.2442, 36.6585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

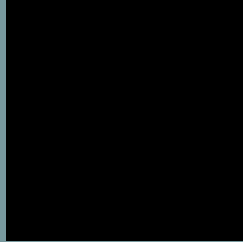
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3085, 29.2442, 36.6585

Background



This preview shows how black text looks on a background with the XYZ color 25.3085, 29.2442, 36.6585.

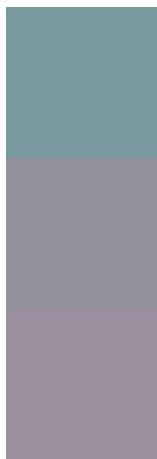


This preview shows how white text looks on a background with the XYZ color 25.3085, 29.2442,

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

25.3085, 29.2442, 36.6585

Protanopia

28.1442, 29.0939, 34.7042

Deuteranopia

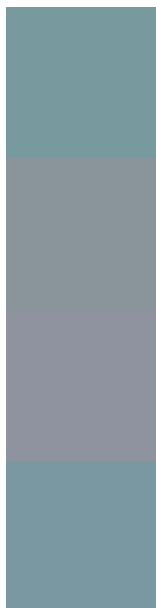
29.6852, 29.1515, 37.3199



Tritanopia

25.8142, 29.2018, 39.3979

Trichromacy



Original Color

25.3085, 29.2442, 36.6585

Protanomaly

26.9804, 29.1798, 35.2206

Deuteranomaly

27.8471, 29.1214, 36.9542

Tritanomaly

25.6350, 29.1301, 38.4540

Monochromacy



Original Color

25.3085, 29.2442, 36.6585

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.8502, 28.1883, 32.5122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3085, 29.2442, 36.6585 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, 153, 158)` looks like.

```
.text, #text, p{  
    color:rgb(120, 153, 158)  
}
```

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, 153, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 153, 158) }
```

Border

The CSS property to change the border of an element to XYZ 25.3085, 29.2442, 36.6585 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, 153, 158) }
```


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

```
.border{ border-color:rgb(120, 153, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 153, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 153, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 153, 158);  
box-shadow:4px 4px 4px 4px rgb(120, 153,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3085, 29.2442, 36.6585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 153, 158) }
```

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

```
.background{ background-color: rgb(120,  
153, 158) }
```

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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