

Converting Colors

XYZ(25.7645, 29.5939, 36.4615)

Have a look what the booklet for
XYZ(25.7645, 29.5939, 36.4615)
contains.

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Color

**XYZ(25.6454, 29.4277,
36.2268)**

Conversions

Conversions Part 1

Format	Color
Hex	7B999D
RGB	123, 153, 157
RGB Percent	48%, 60%, 62%
CMY	0.5176, 0.4000, 0.3843
CMYK	0.22, 0.03, 0.00, 0.38
HSL	187°, 15%, 55%
HSV	187°, 22%, 62%
XYZ	25.6454, 29.4277, 36.2268
YIQ	144.4860, -19.1640, -5.1160

Conversions

Conversions Part 2

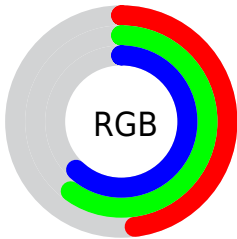
Format	Color
R_{YB}	123, 139, 157
Decimal	8100253
CIE _{Lab}	61.16, -9.48, -5.56
CIE _{LCh}	61, 10.990, 210.371
Yxy	29.4277, 0.2809, 0.3223
Android (android.graphics.Color)	4286290333 (0xFF7B999D)
YUV	144.4860, 6.1694, -18.8432
Hunter-Lab	54.2473, -10.5469, -1.6212

Details

The XYZ color **25.6454, 29.4277, 36.2268** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.0695, 23.7770, 22.0076**, and the grayscale version is **26.6874, 28.0772, 30.5761**.

A 20% lighter version of the original color is **52.1010, 58.6092, 70.8541**, and **10.1005, 11.9598, 15.4118** is the 20% darker color. If you saturate the color by 10%, you get **23.2775, 27.7626, 36.0307**, and if you desaturate by 10%, it is **28.3799, 31.2903, 36.4427**.

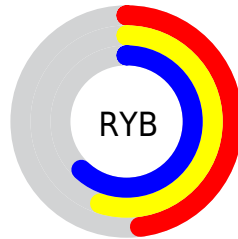
Distribution



Red (48%)

Green (60%)

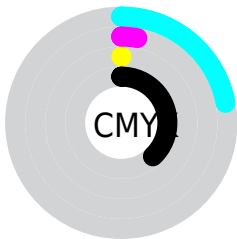
Blue (62%)



Red (48%)

Yellow (55%)

Blue (62%)

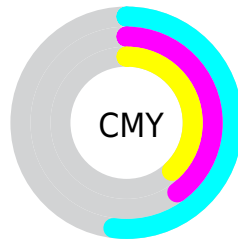


Cyan (22%)

Magenta (3%)

Yellow (0%)

Black (38%)



Cyan (52%)

Magenta (40%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6454, 29.4277, 36.2268 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 25.6454, 29.4277, 36.2268 by changing the saturation by 10% instead.

■ 25.6454, 29.4277,
36.2268

■ 25.6454, 29.4277,
36.2268

273.3257,
299.2276, 345.0181

■ 16.6898, 19.4046,
24.3183

■ 52.1377, 58.7559,
70.5550

■ 10.1075, 11.9630,
15.3555

■ 70.4052, 78.8299,
93.8117

■ 5.5331, 6.7185,
8.9199

■ 92.5073, 103.0229,
121.6884

■ 2.6013, 3.2867,
4.5929

118.8095,
131.7193, 154.6034

■ 0.9466, 1.2832,
1.9559

149.6771,
165.3036, 192.9753

■ 0.0000, 0.1281,
0.5280

185.4754,

■ 0.0000, 0.0000,

204.1602, 237.2227

0.0000

226.5699,
248.6734, 287.7641

■ 25.6454, 29.4277,
36.2268

■ 25.6454, 29.4277,
36.2268

■ 23.2775, 27.7626,
36.0307

■ 28.3799, 31.2903,
36.4427

■ 21.2565, 26.2825,
35.8515

■ 31.4945, 33.3549,
36.6770

■ 19.5646, 24.9789,
35.6891

■ 35.0050, 35.6308,
36.9313

■ 18.1817, 23.8415,
35.5424

■ 38.9258, 38.1251,
37.2061

■ 17.0850, 22.8584,
35.4105

■ 43.2702, 40.8449,
37.5021

■ 16.2489, 22.0165,
35.2920

■ 48.0513, 43.7969,
37.8199

■ 15.6430, 21.3000,
35.1857

■ 53.2813, 46.9874,
38.1601

■ 15.2519, 20.7663,
35.1033

■ 58.9721, 50.4227,
38.5232

■ 61.6294, 52.3013,
38.7458

Harmonies

Analogous

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



25.2880, 29.4277, 32.0932



25.6454, 29.4277, 36.2268



26.6216, 29.4277, 39.4521

Triad

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



25.6454, 29.4277, 36.2268



30.4503, 29.4277, 36.1303



27.9522, 29.4277, 24.7387

Complementary

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



25.6454, 29.4277, 36.2268



25.0695, 23.7770, 22.0076

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.



29.3635, 29.4277, 25.6228



25.6454, 29.4277, 36.2268



30.8355, 29.4277, 31.9904

Square

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



25.6454, 29.4277, 36.2268



29.3956, 29.4277, 39.3931



30.4313, 29.4277, 28.1921



26.5915, 29.4277, 25.6671

Rectangle

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



25.6454, 29.4277, 36.2268



27.5089, 29.4277, 40.5260



30.4313, 29.4277, 28.1921



28.4365, 29.4277, 24.8329

Sweetspot

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



25.6463, 29.4289, 36.2275



53.8289, 58.0394, 65.4924



24.0545, 29.8569, 24.5630



11.7723, 12.7232, 14.4057



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.



25.6463, 29.4289, 36.2275



43.7941, 51.2149, 64.7040



23.0636, 24.2636, 35.3666



6.7552, 7.3762, 8.4744



12.4046, 16.9007, 28.5156



0.2388, 0.3362, 0.5155

Inverse Universe

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



26.7381, 23.6346, 33.2910



46.1277, 39.0240, 58.3839



27.4485, 28.5352, 22.8006



6.8706, 6.7411, 8.1694



15.0595, 7.3284, 20.3620



0.2778, 0.1345, 0.4092

Previews

White Background



This preview shows how the XYZ color 25.6454, 29.4277, 36.2268 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 25.6454, 29.4277, 36.2268 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

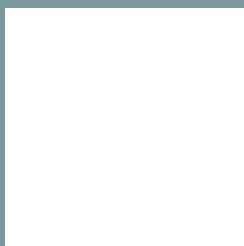
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6454, 29.4277, 36.2268

Background



This preview shows how black text looks on a background with the XYZ color 25.6454, 29.4277, 36.2268.



This preview shows how white text looks on a background with the XYZ color 25.6454, 29.4277,

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

25.6454, 29.4277, 36.2268

Protanopia

28.2414, 29.1536, 34.2757

Deuteranopia

29.7908, 29.2160, 36.8700



Tritanopia

26.2413, 29.4219, 39.4179

Trichromacy



Original Color

25.6454, 29.4277, 36.2268

Protanomaly

27.2276, 29.3170, 34.7955

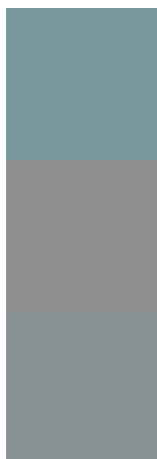
Deuteranomaly

28.1069, 29.2654, 36.5151

Tritanomaly

25.9734, 29.3148, 38.0076

Monochromacy



Original Color

25.6454, 29.4277, 36.2268

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.0119, 28.2716, 32.5198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6454, 29.4277, 36.2268 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(123, 153, 157)` looks like.

```
.text, #text, p{  
    color:rgb(123, 153, 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(123, 153, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 153, 157) }
```

Border

The CSS property to change the border of an element to XYZ 25.6454, 29.4277, 36.2268 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(123, 153, 157) }
```


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

```
.border{ border-color:rgb(123, 153, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 153, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 153, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 153, 157);  
box-shadow:4px 4px 4px 4px rgb(123, 153,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6454, 29.4277, 36.2268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 153, 157) }
```

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

```
.background{ background-color: rgb(123,  
153, 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](#).

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