

Converting Colors

XYZ(25.2635, 30.7130, 37.1280)

Have a look what the booklet for
XYZ(25.2635, 30.7130, 37.1280)
contains.

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Color

**XYZ(25.2518, 30.7096,
36.9444)**

Conversions

Conversions Part 1

Format	Color
Hex	709F9E
RGB	112, 159, 158
RGB Percent	44%, 62%, 62%
CMY	0.5608, 0.3765, 0.3804
CMYK	0.30, 0.00, 0.01, 0.38
HSL	179°, 20%, 53%
HSV	179°, 30%, 62%
XYZ	25.2518, 30.7096, 36.9444
YIQ	144.8330, -27.6910, -10.2750

Conversions

Conversions Part 2

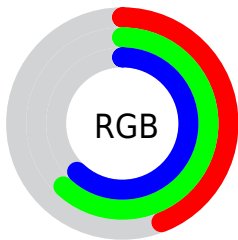
Format	Color
RYB	112, 136, 159
Decimal	7380894
CIELab	62.26, -15.90, -4.56
CIELCh	62, 16.545, 196.003
Yxy	30.7096, 0.2718, 0.3305
Android (android.graphics.Color)	4285570974 (0xFF709F9E)
YUV	144.8330, 6.4913, -28.7945
Hunter-Lab	55.4162, -15.6404, -0.7356

Details

The XYZ color **25.2518, 30.7096, 36.9444** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.0740, 20.1525, 18.2977**, and the grayscale version is **26.8291, 28.2263, 30.7385**.

A 20% lighter version of the original color is **51.5739, 60.8966, 71.9868**, and **9.8360, 12.5690, 15.8176** is the 20% darker color. If you saturate the color by 10%, you get **23.3758, 29.7466, 36.7052**, and if you desaturate by 10%, it is **27.4870, 31.8593, 37.2022**.

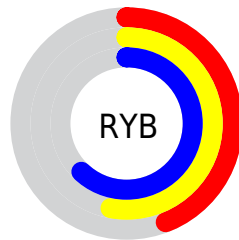
Distribution



Red (44%)

Green (62%)

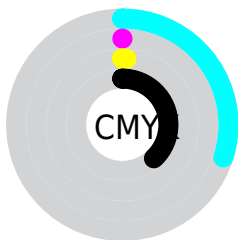
Blue (62%)



Red (44%)

Yellow (53%)

Blue (62%)

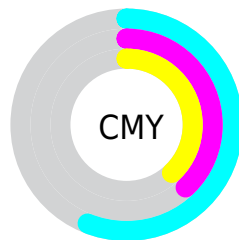


Cyan (30%)

Magenta (0%)

Yellow (1%)

Black (38%)



Cyan (56%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2518, 30.7096, 36.9444 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 25.2518, 30.7096, 36.9444 by changing the saturation by 10% instead.

■ 25.2518, 30.7096,
36.9444

■ 25.2518, 30.7096,
36.9444

271.4142,
305.1982, 348.2312

■ 16.3945, 20.3778,
24.8690

■ 51.5054, 60.7826,
71.6726

■ 9.8963, 12.6700,
15.7613

■ 69.6324, 81.2926,
95.1625

■ 5.3920, 7.2017,
9.2029

■ 91.5799, 105.9641,
123.2944

■ 2.5162, 3.5886,
4.7752

■ 117.7134,
135.1815, 156.4867

■ 0.9034, 1.4462,
2.0595

148.3983,
169.3292, 195.1579

■ 0.0000, 0.2504,
0.5915

183.9998,

■ 0.0000, 0.0000,

208.7916, 239.7268

0.0000

224.8833,
253.9532, 290.6117

■ 25.2518, 30.7096,
36.9444

■ 25.2518, 30.7096,
36.9444

■ 23.3758, 29.7466,
36.7052

■ 27.4870, 31.8593,
37.2022

■ 21.8374, 28.9569,
36.4815

■ 30.0960, 33.2009,
37.4772

■ 20.6171, 28.3312,
36.2732

■ 33.0962, 34.7441,
37.7709

■ 19.6922, 27.8577,
36.0791

■ 36.5026, 36.4968,
38.0841

■ 19.0367, 27.5231,
35.8980

■ 40.3300, 38.4665,
38.4174

■ 18.6208, 27.3120,
35.7286

■ 44.5920, 40.6602,
38.7715

■ 18.3768, 27.1895,
35.5676

■ 49.3019, 43.0848,
39.1469

■ 18.3667, 27.1845,
35.5605

■ 54.4721, 45.7467,
39.5443

■ 60.0762, 48.6323,
39.9625

Harmonies

Analogous

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



25.2165, 30.7096, 30.5499



25.2518, 30.7096, 36.9444



26.3058, 30.7096, 43.0892

Triad

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



25.2518, 30.7096, 36.9444



32.3884, 30.7096, 42.7296



30.2397, 30.7096, 22.8665

Complementary

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



25.2518, 30.7096, 36.9444



23.0740, 20.1525, 18.2977

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.



32.2746, 30.7096, 25.3468



25.2518, 30.7096, 36.9444



33.5573, 30.7096, 36.5016

Square

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



25.2518, 30.7096, 36.9444



30.3887, 30.7096, 46.7090



33.5146, 30.7096, 30.1599



28.0205, 30.7096, 22.9531

Rectangle

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



25.2518, 30.7096, 36.9444



27.4765, 30.7096, 45.9800



33.5146, 30.7096, 30.1599



30.9702, 30.7096, 23.4125

Sweetspot

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



25.2527, 30.7108, 36.9451



54.0925, 59.5580, 67.1354



22.2069, 29.5158, 19.8566



12.0393, 13.3471, 15.1198



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.



25.2527, 30.7108, 36.9451



43.0971, 53.9056, 65.8968



21.8962, 23.8593, 36.2534



6.8157, 7.5071, 8.4643



14.5081, 21.4712, 28.0966



0.2611, 0.3846, 0.5114

Inverse Universe

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



23.0740, 20.1525, 18.2977



38.5969, 32.0940, 27.3779



25.7397, 25.5736, 18.9095



6.6385, 6.6483, 6.9475



11.3098, 5.8285, 0.6163



0.2037, 0.1048, 0.0189

Previews

White Background



This preview shows how the XYZ color 25.2518, 30.7096, 36.9444 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.2518, 30.7096, 36.9444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

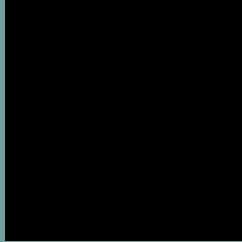
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.2518, 30.7096, 36.9444

Background



This preview shows how black text looks on a background with the XYZ color 25.2518, 30.7096, 36.9444.



This preview shows how white text looks on a background with the XYZ color 25.2518, 30.7096,

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

25.2518, 30.7096, 36.9444

Protanopia

29.3638, 30.4373, 34.0331

Deuteranopia

31.2091, 30.6046, 37.9806



Tritanopia

26.3829, 30.6611, 42.5579

Trichromacy



Original Color

25.2518, 30.7096, 36.9444

Protanomaly

27.5405, 30.4339, 34.9946

Deuteranomaly

28.7395, 30.5109, 37.6322

Tritanomaly

26.0492, 30.7843, 40.6454

Monochromacy



Original Color

25.2518, 30.7096, 36.9444

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.0842, 29.0012, 33.0772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2518, 30.7096, 36.9444 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(112, 159, 158)` looks like.

```
.text, #text, p{  
    color:rgb(112, 159, 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(112, 159, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 159, 158) }
```

Border

The CSS property to change the border of an element to XYZ 25.2518, 30.7096, 36.9444 is called "border". The border property can be set on classes, ids or directly on the HTML element.

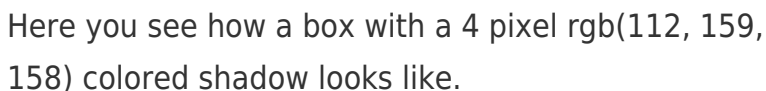
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 159, 158) }
```


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

```
.border{ border-color:rgb(112, 159, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(112, 159, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 159, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 159, 158); box-shadow:4px 4px 4px 4px rgb(112, 159, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2518, 30.7096, 36.9444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 159, 158) }
```

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

```
.background{ background-color: rgb(112,  
159, 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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