

Converting Colors

XYZ(25.7303, 30.8918, 37.3021)

Have a look what the booklet for
XYZ(25.7303, 30.8918, 37.3021)
contains.

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Color

**XYZ(25.7264, 30.9443,
37.4178)**

Conversions

Conversions Part 1	
Format	Color
Hex	739F9F
RGB	115, 159, 159
RGB Percent	45%, 62%, 62%
CMY	0.5490, 0.3765, 0.3765
CMYK	0.28, 0.00, 0.00, 0.38
HSL	180°, 19%, 54%
HSV	180°, 28%, 62%
XYZ	25.7264, 30.9443, 37.4178
YIQ	145.8440, -26.2240, -9.3280

Conversions

Conversions Part 2

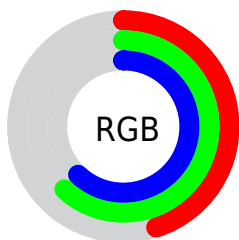
Format	Color
RYB	115, 137, 159
Decimal	7577503
CIELab	62.46, -14.76, -4.81
CIELCh	62, 15.524, 198.056
Yxy	30.9443, 0.2734, 0.3289
Android (android.graphics.Color)	4285767583 (0xFF739F9F)
YUV	145.8440, 6.4859, -27.0502
Hunter-Lab	55.6276, -14.7964, -0.9420

Details

The XYZ color **25.7264, 30.9443, 37.4178** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.5244, 20.8712, 19.0096**, and the grayscale version is **27.2404, 28.6591, 31.2097**.

A 20% lighter version of the original color is **52.3326, 61.2730, 72.6870**, and **10.1444, 12.7219, 16.1083** is the 20% darker color. If you saturate the color by 10%, you get **23.8135, 29.9589, 37.3286**, and if you desaturate by 10%, it is **28.0018, 32.1181, 37.5253**.

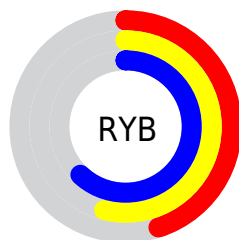
Distribution



Red (45%)

Green (62%)

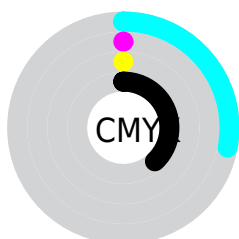
Blue (62%)



Red (45%)

Yellow (54%)

Blue (62%)

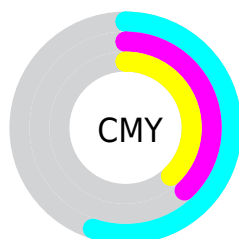


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (38%)



Cyan (55%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.7264, 30.9443, 37.4178 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 25.7264, 30.9443, 37.4178 by changing the saturation by 10% instead.


 25.7264, 30.9443,
37.4178


 25.7264, 30.9443,
37.4178


273.7178,
306.2816, 350.3389


 16.7507, 20.5564,
25.2328


 52.2677, 61.1524,
72.4084

 10.1511, 12.8002,
16.0300


 70.5640, 81.7414,
96.0511

 5.5623, 7.2911,
9.3908


 92.6978, 106.4995,
124.3501

 2.6189, 3.6448,
4.8967

119.0345,
135.8112, 157.7240

 0.9556, 1.4769,
2.1291

149.9396,
170.0609, 196.5912

 0.0000, 0.2724,
0.6330


185.7782,


 0.0000, 0.0000,


209.6329, 241.3704

0.0000


226.9158,
254.9117, 292.4801


 25.7264, 30.9443,
37.4178


 25.7264, 30.9443,
37.4178


 23.8135, 29.9589,
37.3286


 28.0018, 32.1181,
37.5253


 22.2418, 29.1487,
37.2548


 30.6542, 33.4854,
37.6497


 20.9920, 28.5045,
37.1960

 33.7005, 35.0559,
37.7926

 20.0421, 28.0147,
37.1512

 37.1559, 36.8372,
37.9546

 19.3667, 27.6666,
37.1193

 41.0348, 38.8368,
38.1364

■ 18.9368, 27.4450,
37.0989

■ 45.3507, 41.0617,
38.3387

■ 18.7027, 27.3243,
37.0876

■ 50.1168, 43.5187,
38.5621

■ 18.6563, 27.3004,
37.0854

■ 55.3455, 46.2142,
38.8071

■ 59.8973, 48.5608,
39.0204

Harmonies

Analogous

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



25.6243, 30.9443, 31.3490



25.7264, 30.9443, 37.4178



26.7866, 30.9443, 43.0784

Triad

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



25.7264, 30.9443, 37.4178



32.5283, 30.9443, 42.0563



30.2578, 30.9443, 23.5709

Complementary

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



25.7264, 30.9443, 37.4178



23.5244, 20.8712, 19.0096

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.



32.2028, 30.9443, 25.7807



25.7264, 30.9443, 37.4178



33.5549, 30.9443, 36.1512

Square

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



25.7264, 30.9443, 37.4178



30.6850, 30.9443, 45.9687



33.4330, 30.9443, 30.2241



28.1740, 30.9443, 23.8241

Rectangle

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



25.7264, 30.9443, 37.4178



27.9238, 30.9443, 45.6384



33.4330, 30.9443, 30.2241



30.9513, 30.9443, 24.0384

Sweetspot

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



25.7273, 30.9455, 37.4185



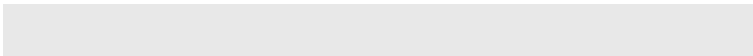
54.6531, 59.8414, 67.4130



22.6607, 29.7301, 20.7645



12.1584, 13.4071, 15.1905



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.



25.7273, 30.9455, 37.4185



43.9568, 54.3272, 66.9110



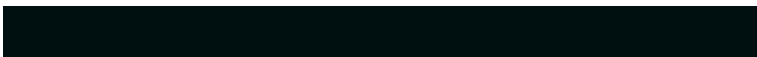
22.3795, 24.2496, 36.3034



6.8219, 7.5095, 8.4965



14.7348, 21.5619, 29.2900



0.2635, 0.3855, 0.5237

Inverse Universe

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



23.5244, 20.8712, 19.0096



39.3667, 33.3356, 28.5532



26.2355, 26.2934, 19.9128



6.6331, 6.6462, 6.9190



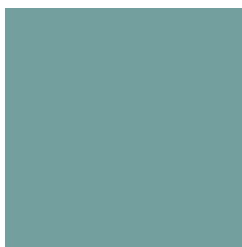
11.2931, 5.8218, 0.5287



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 25.7264, 30.9443, 37.4178 looks on a white background.

Color Contrast Check

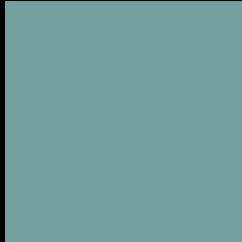
Large Text (above 18pt) WCAG AA × Fail

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 25.7264, 30.9443, 37.4178 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

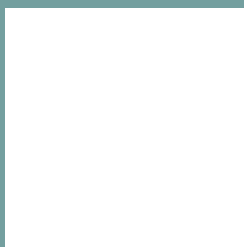
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7264, 30.9443, 37.4178

Background



This preview shows how black text looks on a background with the XYZ color 25.7264, 30.9443, 37.4178.

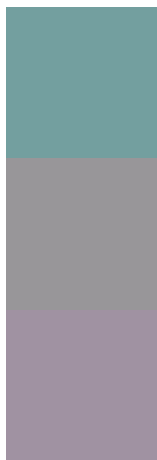


This preview shows how white text looks on a background with the XYZ color 25.7264, 30.9443,

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

25.7264, 30.9443, 37.4178

Protanopia

29.6050, 30.7880, 34.5193

Deuteranopia



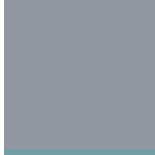

31.2977, 30.6400, 38.4470






Tritanopia

26.6488, 30.7981, 42.5703

Trichromacy

	Original Color 25.7264, 30.9443, 37.4178
	Protanomaly 27.9551, 30.6380, 35.4507
	Deuteranomaly 29.0012, 30.6357, 38.1030
	Tritanomaly 26.3123, 30.9199, 40.6577

Monochromacy

	Original Color 25.7264, 30.9443, 37.4178
	Achromatopsia 27.3213, 28.7441, 31.3023
	Achromatomaly 26.6442, 29.5185, 33.5715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7264, 30.9443, 37.4178 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(115, 159, 159)` looks like.

```
.text, #text, p{  
    color:rgb(115, 159, 159)  
}
```

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(115, 159, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 159, 159) }
```

Border

The CSS property to change the border of an element to XYZ 25.7264, 30.9443, 37.4178 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(115, 159, 159) }
```


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

```
.border{ border-color:rgb(115, 159, 159) }
```

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

Here you see how a box with a 4 pixel rgb(115, 159, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 159, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 159, 159);  
box-shadow:4px 4px 4px 4px rgb(115, 159,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7264, 30.9443, 37.4178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 159, 159) }
```

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

```
.background{ background-color: rgb(115,  
159, 159) }
```

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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