

Converting Colors

XYZ(24.2791, 27.4907, 36.1513)

Have a look what the booklet for
XYZ(24.2791, 27.4907, 36.1513)
contains.

XYZ(24.3692, 27.5704, 36.3850)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.3692, 27.5704,
36.3850)**

Conversions

Conversions Part 1

Format	Color
Hex	77949E
RGB	119, 148, 158
RGB Percent	47%, 58%, 62%
CMY	0.5333, 0.4196, 0.3804
CMYK	0.25, 0.06, 0.00, 0.38
HSL	195°, 17%, 54%
HSV	195°, 25%, 62%
XYZ	24.3692, 27.5704, 36.3850
YIQ	140.4690, -20.4940, -3.0380

Conversions

Conversions Part 2

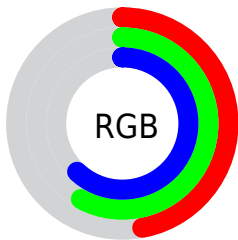
Format	Color
R_{YB}	119, 136, 158
Decimal	7836830
CIE _{Lab}	59.50, -7.78, -8.62
CIE _{LCh}	59, 11.612, 227.912
Yxy	27.5704, 0.2759, 0.3121
Android (android.graphics.Color)	4286026910 (0xFF77949E)
YUV	140.4690, 8.6428, -18.8283
Hunter-Lab	52.5075, -9.0448, -4.3296

Details

The XYZ color **24.3692, 27.5704, 36.3850** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.2808, 24.3016, 20.8115**, and the grayscale version is **25.0835, 26.3898, 28.7385**.

A 20% lighter version of the original color is **50.1440, 55.8158, 71.0814**, and **9.3828, 10.8761, 15.5147** is the 20% darker color. If you saturate the color by 10%, you get **21.7544, 25.2963, 36.0843**, and if you desaturate by 10%, it is **27.3684, 30.0770, 36.7112**.

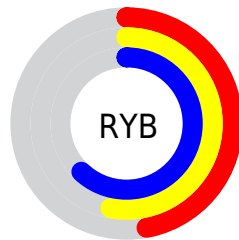
Distribution



Red (47%)

Green (58%)

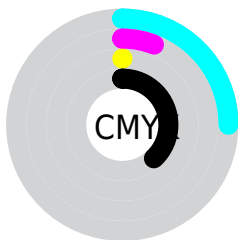
Blue (62%)



Red (47%)

Yellow (53%)

Blue (62%)

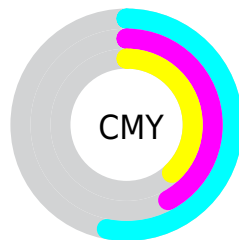


Cyan (25%)

Magenta (6%)

Yellow (0%)

Black (38%)



Cyan (53%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3692, 27.5704, 36.3850 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 24.3692, 27.5704, 36.3850 by changing the saturation by 10% instead.

■ 24.3692, 27.5704,
36.3850

■ 24.3692, 27.5704,
36.3850

267.0877,
290.4084, 345.7284

■ 15.7339, 18.0021,
24.4396

■ 50.0823, 55.7978,
70.8016

■ 9.4257, 10.9515,
15.4449

■ 67.8909, 75.2257,
94.1099

■ 5.0792, 6.0342,
8.9821

■ 89.4879, 98.7089,
122.0430

■ 2.3291, 2.8659,
4.6329

115.2388,
126.6318, 155.0194

■ 0.8095, 1.0621,
1.9786

145.5089,
159.3788, 193.4575

■ 0.0000, 0.0000,
0.5420

180.6635,

■ 0.0000, 0.0000,

197.3343, 237.7761

0.0000

221.0680,
240.8827, 288.3935

■ 24.3692, 27.5704,
36.3850

■ 24.3692, 27.5704,
36.3850

■ 21.7544, 25.2963,
36.0843

■ 27.3684, 30.0770,
36.7112

■ 19.5035, 23.2419,
35.8064

■ 30.7663, 32.8219,
37.0619

■ 17.5978, 21.3977,
35.5509

■ 34.5796, 35.8145,
37.4386

■ 16.0158, 19.7523,
35.3167

■ 38.8230, 39.0628,
37.8419

■ 14.7334, 18.2932,
35.1026

■ 43.5108, 42.5745,
38.2727

■ 13.7233, 17.0056,
34.9073

■ 48.6564, 46.3568,
38.7315

■ 12.9512, 15.8717,
34.7292

■ 54.2727, 50.4167,
39.2191

■ 12.5909, 15.3071,
34.6392

■ 60.3720, 54.7608,
39.7362

■ 64.6474, 58.2002,
40.1747

Harmonies

Analogous

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



23.6252, 27.5704, 32.5588



24.3692, 27.5704, 36.3850



25.6218, 27.5704, 38.5804

Triad

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



24.3692, 27.5704, 36.3850



29.0447, 27.5704, 31.7335



25.3515, 27.5704, 23.0055

Complementary

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



24.3692, 27.5704, 36.3850



25.2808, 24.3016, 20.8115

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.



26.7967, 27.5704, 22.8290



24.3692, 27.5704, 36.3850



28.9657, 27.5704, 27.6158

Square

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



24.3692, 27.5704, 36.3850



28.3422, 27.5704, 35.7328



28.1304, 27.5704, 24.4434



24.1777, 27.5704, 24.9501

Rectangle

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



24.3692, 27.5704, 36.3850



26.5929, 27.5704, 38.7007



28.1304, 27.5704, 24.4434



25.8206, 27.5704, 22.7444

Sweetspot

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



24.3700, 27.5715, 36.3856



54.2879, 58.3394, 67.1428



23.7810, 29.9545, 25.2108



12.1615, 13.0903, 15.1294



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.



24.3700, 27.5715, 36.3856



41.3693, 47.5806, 65.7470



21.5972, 22.0258, 35.4613



6.6778, 7.2214, 8.4486



10.1166, 12.3248, 27.7529



0.2124, 0.2835, 0.5067

Inverse Universe

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



26.0433, 22.6015, 31.0082



45.0358, 37.0717, 53.8789



28.0600, 29.8599, 21.7379



6.8315, 6.7255, 7.9636



13.9046, 6.8664, 14.2805



0.2645, 0.1291, 0.3392

Previews

White Background



This preview shows how the XYZ color 24.3692, 27.5704, 36.3850 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 24.3692, 27.5704, 36.3850 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

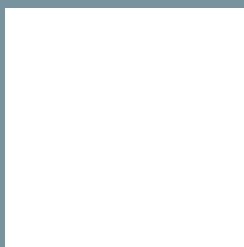
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3692, 27.5704, 36.3850

Background



This preview shows how black text looks on a background with the XYZ color 24.3692, 27.5704, 36.3850.



This preview shows how white text looks on a background with the XYZ color 24.3692, 27.5704,

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

24.3692, 27.5704, 36.3850

Protanopia

26.6611, 27.4299, 34.4612

Deuteranopia

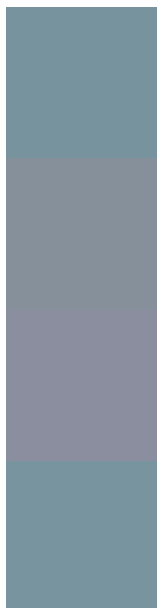
27.9722, 27.3929, 37.0708



Tritanopia

24.5428, 27.6398, 37.2992

Trichromacy



Original Color

24.3692, 27.5704, 36.3850

Protanomaly

25.7212, 27.3814, 34.9398

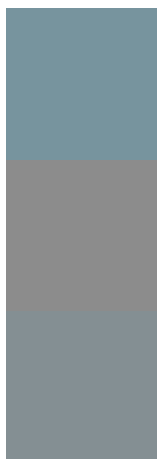
Deuteranomaly

26.4122, 27.2525, 36.6691

Tritanomaly

24.4557, 27.6050, 36.8402

Monochromacy



Original Color

24.3692, 27.5704, 36.3850

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.6046, 26.6570, 31.4523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3692, 27.5704, 36.3850 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(119, 148, 158)` looks like.

```
.text, #text, p{  
    color:rgb(119, 148, 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(119, 148, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 148, 158) }
```

Border

The CSS property to change the border of an element to XYZ 24.3692, 27.5704, 36.3850 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(119, 148, 158) }
```


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

```
.border{ border-color:rgb(119, 148, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 148, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 148, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 148, 158);  
box-shadow:4px 4px 4px 4px rgb(119, 148,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3692, 27.5704, 36.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 148, 158) }
```

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

```
.background{ background-color: rgb(119,  
148, 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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