

Converting Colors

XYZ(24.9160, 30.4720, 37.1976)

Have a look what the booklet for
XYZ(24.9160, 30.4720, 37.1976)
contains.

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Color

**XYZ(24.9628, 30.5507,
37.3821)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9F9F
RGB	109, 159, 159
RGB Percent	43%, 62%, 62%
CMY	0.5725, 0.3765, 0.3765
CMYK	0.31, 0.00, 0.00, 0.38
HSL	180°, 21%, 53%
HSV	180°, 31%, 62%
XYZ	24.9628, 30.5507, 37.3821
YIQ	144.0500, -29.8000, -10.6000

Conversions

Conversions Part 2

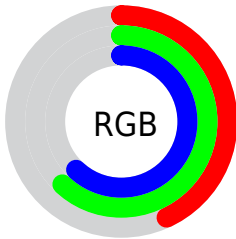
Format	Color
RYB	109, 134, 159
Decimal	7184287
CIELab	62.13, -16.55, -5.34
CIELCh	62, 17.393, 197.891
Yxy	30.5507, 0.2687, 0.3289
Android (android.graphics.Color)	4285374367 (0xFF6D9F9F)
YUV	144.0500, 7.3703, -30.7389
Hunter-Lab	55.2727, -16.1113, -1.4082

Details

The XYZ color **24.9628, 30.5507, 37.3821** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.5281, 19.4132, 17.0289**, and the grayscale version is **26.5099, 27.8905, 30.3728**.

A 20% lighter version of the original color is **51.0845, 60.6296, 72.6286**, and **9.7094, 12.4976, 16.0879** is the 20% darker color. If you saturate the color by 10%, you get **23.1812, 29.6330, 37.2991**, and if you desaturate by 10%, it is **27.1000, 31.6532, 37.4831**.

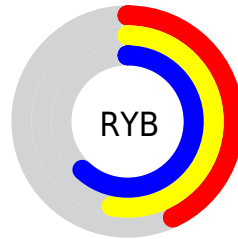
Distribution



Red (43%)

Green (62%)

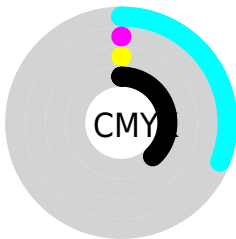
Blue (62%)



Red (43%)

Yellow (53%)

Blue (62%)

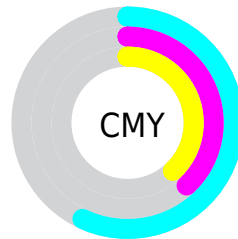


Cyan (31%)

Magenta (0%)

Yellow (0%)

Black (38%)



Cyan (57%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9628, 30.5507, 37.3821 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 24.9628, 30.5507, 37.3821 by changing the saturation by 10% instead.

■ 24.9628, 30.5507,
37.3821

■ 24.9628, 30.5507,
37.3821

270.0037,
304.4630, 350.1802

■ 16.1779, 20.2570,
25.2054

■ 51.0402, 60.5320,
72.3529

■ 9.7418, 12.5820,
16.0097

■ 69.0634, 80.9883,
95.9841

■ 5.2890, 7.1413,
9.3766

■ 90.8968, 105.6010,
124.2706

■ 2.4543, 3.5506,
4.8875

■ 116.9057,
134.7544, 157.6308

■ 0.8723, 1.4255,
2.1238

147.4555,
168.8329, 196.4833

■ 0.0000, 0.2354,
0.6299

182.9115,

■ 0.0000, 0.0000,

208.2209, 241.2467

0.0000

223.6391,
253.3028, 292.3395

■ 24.9628, 30.5507,
37.3821

■ 24.9628, 30.5507,
37.3821

■ 23.1812, 29.6330,
37.2991

■ 27.1000, 31.6532,
37.4831

■ 21.7335, 28.8867,
37.2311

■ 29.6079, 32.9461,
37.6007

■ 20.5997, 28.3022,
37.1777

■ 32.5037, 34.4389,
37.7365

■ 19.7565, 27.8675,
37.1380

■ 35.8030, 36.1397,
37.8912

■ 19.1775, 27.5690,
37.1106

■ 39.5204, 38.0561,
38.0654

■ 18.8314, 27.3907,
37.0941

■ 43.6698, 40.1952,
38.2599

■ 18.6564, 27.3004,
37.0857

■ 48.2645, 42.5639,
38.4752

■ 53.3172, 45.1686,
38.7120

■ 58.8401, 48.0158,
38.9707

Harmonies

Analogous

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



24.8568, 30.5507, 30.6339



24.9628, 30.5507, 37.3821



26.1238, 30.5507, 43.7689

Triad

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



24.9628, 30.5507, 37.3821



32.5049, 30.5507, 42.6747



29.9916, 30.5507, 22.1893

Complementary

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



24.9628, 30.5507, 37.3821



22.5281, 19.4132, 17.0289

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.



32.1602, 30.5507, 24.5916



24.9628, 30.5507, 37.3821



33.6626, 30.5507, 36.0415

Square

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



24.9628, 30.5507, 37.3821



30.4418, 30.5507, 47.0956



33.5332, 30.5507, 29.4610



27.6771, 30.5507, 22.4471

Rectangle

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



24.9628, 30.5507, 37.3821



27.3768, 30.5507, 46.6877



33.5332, 30.5507, 29.4610



30.7641, 30.5507, 22.6976

Sweetspot

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



24.9637, 30.5519, 37.3828



54.1407, 59.5772, 67.3890



21.5690, 29.2060, 18.9691



12.0518, 13.3521, 15.1856



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.



24.9637, 30.5519, 37.3828



42.3224, 53.4847, 66.8344



21.2063, 23.0368, 36.1312



6.8219, 7.5095, 8.4966



14.7348, 21.5619, 29.2903



0.2635, 0.3855, 0.5237

Inverse Universe

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



22.5281, 19.4132, 17.0289



37.2342, 30.2151, 24.3138



25.4698, 25.2968, 18.0089



6.6331, 6.6462, 6.9190



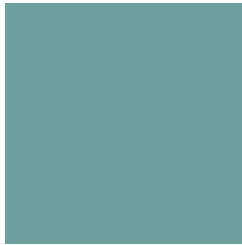
11.2931, 5.8218, 0.5287



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 24.9628, 30.5507, 37.3821 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 24.9628, 30.5507, 37.3821 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 24.9628, 30.5507, 37.3821

Background



This preview shows how black text looks on a background with the XYZ color 24.9628, 30.5507, 37.3821.

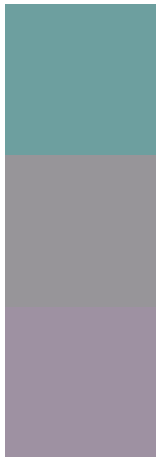


This preview shows how white text looks on a background with the XYZ color 24.9628, 30.5507,

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

24.9628, 30.5507, 37.3821

Protanopia

29.2597, 30.3741, 34.4576

Deuteranopia

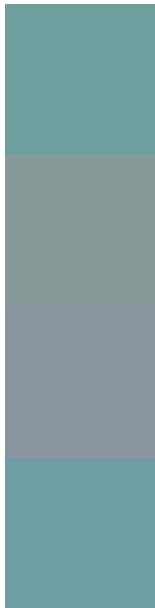
30.7475, 30.1285, 38.3772



Tritanopia

25.9948, 30.4610, 42.5397

Trichromacy



Original Color

24.9628, 30.5507, 37.3821

Protanomaly

27.4610, 30.3833, 35.4276

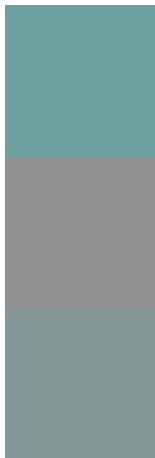
Deuteranomaly

28.1546, 29.9614, 38.0174

Tritanomaly

25.6653, 30.5864, 40.6275

Monochromacy



Original Color

24.9628, 30.5507, 37.3821

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.5323, 28.4901, 32.5872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9628, 30.5507, 37.3821 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(109, 159, 159)` looks like.

```
.text, #text, p{  
    color:rgb(109, 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(109, 159, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 159, 159) }
```

Border

The CSS property to change the border of an element to XYZ 24.9628, 30.5507, 37.3821 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(109, 159, 159) }
```


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

```
.border{ border-color:rgb(109, 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(109, 159, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 159, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 159, 159);  
box-shadow:4px 4px 4px 4px rgb(109, 159,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9628, 30.5507, 37.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 159, 159) }
```

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

```
.background{ background-color: rgb(109,  
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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