

Converting Colors

XYZ(24.3338, 30.0684, 32.9550)

Have a look what the booklet for
XYZ(24.3338, 30.0684, 32.9550)
contains.

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Color

**XYZ(24.3338, 30.0684,
32.9550)**

Conversions

Conversions Part 1

Format	Color
Hex	709E95
RGB	112, 158, 149
RGB Percent	44%, 62%, 58%
CMY	0.5608, 0.3804, 0.4157
CMYK	0.29, 0.00, 0.06, 0.38
HSL	168°, 19%, 53%
HSV	168°, 29%, 62%
XYZ	24.3338, 30.0684, 32.9550
YIQ	143.2200, -24.5270, -12.5510

Conversions

Conversions Part 2

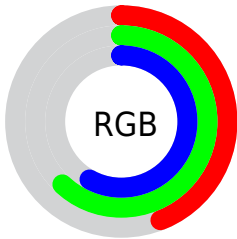
Format	Color
RYB	112, 137, 158
Decimal	7380629
CIELab	61.71, -17.48, -0.29
CIELCh	62, 17.485, 180.962
Yxy	30.0684, 0.2786, 0.3442
Android (android.graphics.Color)	4285570709 (0xFF709E95)
YUV	143.2200, 2.8495, -27.3799
Hunter-Lab	54.8347, -16.7483, 2.7517

Details

The XYZ color **24.3338, 30.0684, 32.9550** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.3470, 20.2388, 20.7664**, and the grayscale version is **26.1930, 27.5571, 30.0096**.

A 20% lighter version of the original color is **50.0908, 59.8996, 65.4216**, and **9.3452, 12.2140, 13.4203** is the 20% darker color. If you saturate the color by 10%, you get **22.2538, 29.0250, 31.5866**, and if you desaturate by 10%, it is **26.7749, 31.2987, 34.3758**.

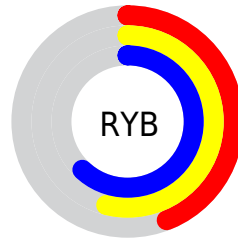
Distribution



Red (44%)

Green (62%)

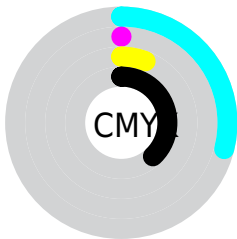
Blue (58%)



Red (44%)

Yellow (54%)

Blue (62%)

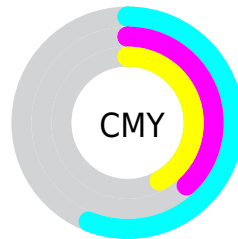


Cyan (29%)

Magenta (0%)

Yellow (6%)

Black (38%)



Cyan (56%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3338, 30.0684, 32.9550 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 24.3338, 30.0684, 32.9550 by changing the saturation by 10% instead.

■ 24.3338, 30.0684,
32.9550

■ 24.3338, 30.0684,
32.9550

266.9130,
302.2231, 330.0727

■ 15.7075, 19.8905,
21.8211

■ 50.0251, 59.7703,
65.4205

■ 9.4069, 12.3155,
13.5285

■ 67.8208, 80.0632,
87.5892

■ 5.0668, 6.9589,
7.6585

■ 89.4036, 104.4964,
114.2732

■ 2.3217, 3.4364,
3.7926

■ 115.1390,
133.4545, 145.8911

■ 0.8057, 1.3636,
1.5123

145.3923,
167.3219, 182.8615

■ 0.0000, 0.1897,
0.2270

180.5288,

■ 0.0000, 0.0000,

206.4828, 225.6029

0.0000

220.9139,
251.3218, 274.5338

■ 24.3338, 30.0684,
32.9550

■ 24.3338, 30.0684,
32.9550

■ 22.2538, 29.0250,
31.5866

■ 26.7749, 31.2987,
34.3758

■ 20.5137, 28.1554,
30.2674

■ 29.5917, 32.7211,
35.8481

■ 19.0944, 27.4504,
28.9969

■ 32.8010, 34.3452,
37.3734

■ 17.9735, 26.8984,
27.7738

■ 36.4179, 36.1785,
38.9528

■ 17.1257, 26.4866,
26.5966

■ 40.4567, 38.2286,
40.5872

■ 16.5216, 26.1996,
25.4638

■ 44.9311, 40.5025,
42.2775

■ 16.0990, 26.0054,
24.3720

■ 49.8539, 43.0067,
44.0244

■ 16.0636, 25.9893,
24.2769

■ 55.2377, 45.7478,
45.8289

■ 61.0943, 48.7318,
47.6918

Harmonies

Analogous

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



24.8421, 30.0684, 26.9037



24.3338, 30.0684, 32.9550



24.9106, 30.0684, 39.7861

Triad

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



24.3338, 30.0684, 32.9550



30.9440, 30.0684, 45.0061



30.8070, 30.0684, 22.7632

Complementary

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



24.3338, 30.0684, 32.9550



23.3470, 20.2388, 20.7664

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.



32.5912, 30.0684, 26.5781



24.3338, 30.0684, 32.9550



32.6733, 30.0684, 39.3632

Square

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



24.3338, 30.0684, 32.9550



28.6543, 30.0684, 47.2998



33.2915, 30.0684, 32.5247



28.5041, 30.0684, 21.5233

Rectangle

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



24.3338, 30.0684, 32.9550



25.8520, 30.0684, 43.7381



33.2915, 30.0684, 32.5247



31.4916, 30.0684, 23.7589

Sweetspot

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



24.3347, 30.0696, 32.9557



53.7023, 59.4019, 65.0804



23.0657, 29.7043, 19.8477



11.9382, 13.3067, 14.5876



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.



24.3347, 30.0696, 32.9557



41.6357, 53.3211, 58.2012



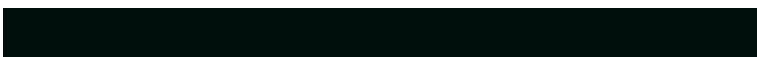
22.8582, 25.9216, 36.1478



6.7662, 7.4872, 8.2032



12.8787, 20.8194, 19.5158



0.2433, 0.3775, 0.4178

Inverse Universe

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



23.3470, 20.2388, 20.7664



39.5447, 32.4731, 32.3688



24.4615, 23.3105, 18.5400



6.6835, 6.6663, 7.1844



11.5020, 5.9054, 1.6288



0.2183, 0.1107, 0.0958

Previews

White Background



This preview shows how the XYZ color 24.3338, 30.0684, 32.9550 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 24.3338, 30.0684, 32.9550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

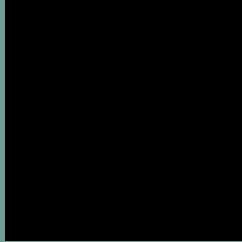
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

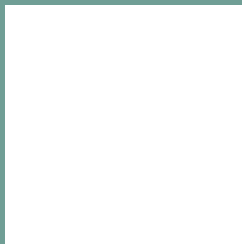
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3338, 30.0684, 32.9550

Background



This preview shows how black text looks on a background with the XYZ color 24.3338, 30.0684, 32.9550.

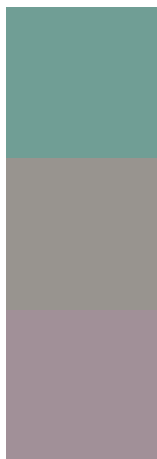


This preview shows how white text looks on a background with the XYZ color 24.3338, 30.0684,

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

24.3338, 30.0684, 32.9550

Protanopia

28.4967, 29.8384, 30.2440

Deuteranopia

30.3387, 29.7906, 33.8569



Tritanopia

25.9917, 29.9828, 41.4631

Trichromacy



Original Color

24.3338, 30.0684, 32.9550

Protanomaly

26.6556, 29.8192, 31.1388

Deuteranomaly

27.6611, 29.5689, 33.5276

Tritanomaly

25.3917, 29.9950, 38.1695

Monochromacy



Original Color

24.3338, 30.0684, 32.9550

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.2165, 28.1297, 30.8886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3338, 30.0684, 32.9550 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, 158, 149)` looks like.

```
.text, #text, p{  
    color:rgb(112, 158, 149)  
}
```

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, 158, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 158, 149) }
```

Border

The CSS property to change the border of an element to XYZ 24.3338, 30.0684, 32.9550 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, 158, 149) }
```


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

```
.border{ border-color:rgb(112, 158, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 158, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 158, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 158, 149);  
box-shadow:4px 4px 4px 4px rgb(112, 158,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3338, 30.0684, 32.9550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 158, 149) }
```

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

```
.background{ background-color: rgb(112,  
158, 149) }
```

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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