

Converting Colors

XYZ(24.2636, 30.0681, 33.2870)

Have a look what the booklet for
XYZ(24.2636, 30.0681, 33.2870)
contains.

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Color

**XYZ(24.2874, 30.0352,
33.3715)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9E96
RGB	111, 158, 150
RGB Percent	44%, 62%, 59%
CMY	0.5647, 0.3804, 0.4118
CMYK	0.30, 0.00, 0.05, 0.38
HSL	170°, 20%, 53%
HSV	170°, 30%, 62%
XYZ	24.2874, 30.0352, 33.3715
YIQ	143.0350, -25.4440, -12.4520

Conversions

Conversions Part 2

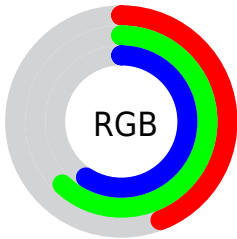
Format	Color
RYB	111, 137, 158
Decimal	7315094
CIELab	61.68, -17.56, -0.91
CIELCh	62, 17.585, 182.954
Yxy	30.0352, 0.2770, 0.3425
Android (android.graphics.Color)	4285505174 (0xFF6F9E96)
YUV	143.0350, 3.4337, -28.0947
Hunter-Lab	54.8044, -16.8027, 2.2602

Details

The XYZ color **24.2874, 30.0352, 33.3715** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.1158, 19.9707, 20.0902**, and the grayscale version is **26.1170, 27.4772, 29.9226**.

A 20% lighter version of the original color is **50.0032, 59.8406, 66.0417**, and **9.3306, 12.2010, 13.6676** is the 20% darker color. If you saturate the color by 10%, you get **22.2586, 29.0148, 32.1593**, and if you desaturate by 10%, it is **26.6746, 31.2413, 34.6277**.

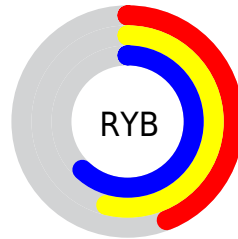
Distribution



Red (44%)

Green (62%)

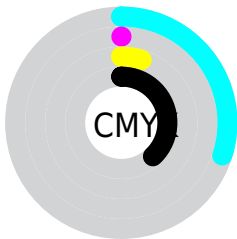
Blue (59%)



Red (44%)

Yellow (54%)

Blue (62%)

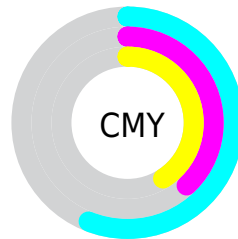


Cyan (30%)

Magenta (0%)

Yellow (5%)

Black (38%)



Cyan (56%)

Magenta (38%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2874, 30.0352, 33.3715 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 24.2874, 30.0352, 33.3715 by changing the saturation by 10% instead.

■ 24.2874, 30.0352,
33.3715

■ 24.2874, 30.0352,
33.3715

266.6839,
302.0685, 332.0036

■ 15.6728, 19.8653,
22.1377

■ 49.9501, 59.7178,
66.0778

■ 9.3823, 12.2972,
13.7589

■ 67.7289, 79.9994,
88.3874

■ 5.0505, 6.9464,
7.8163

■ 89.2931, 104.4203,
115.2260

■ 2.3120, 3.4286,
3.8916

■ 115.0082,
133.3649, 147.0122

■ 0.8008, 1.3594,
1.5660

145.2395,
167.2176, 184.1646

■ 0.0000, 0.1865,
0.2664

180.3523,

■ 0.0000, 0.0000,

206.3628, 227.1015

0.0000

220.7120,
251.1850, 276.2417

■ 24.2874, 30.0352,
33.3715

■ 24.2874, 30.0352,
33.3715

■ 22.2586, 29.0148,
32.1593

■ 26.6746, 31.2413,
34.6277

■ 20.5670, 28.1669,
30.9880

■ 29.4348, 32.6383,
35.9269

■ 19.1932, 27.4823,
29.8573

■ 32.5849, 34.2358,
37.2706

■ 18.1148, 26.9494,
28.7658

■ 36.1401, 36.0415,
38.6597

■ 17.3063, 26.5551,
27.7122

■ 40.1147, 38.0629,
40.0951

■ 16.7379, 26.2841,
26.6949

■ 44.5223, 40.3068,
41.5776

■ 16.3408, 26.1007,
25.7105

■ 49.3759, 42.7801,
43.1079

■ 16.3311, 26.0963,
25.6860

■ 54.6880, 45.4891,
44.6867

■ 60.4704, 48.4400,
46.3148

Harmonies

Analogous

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



24.7263, 30.0352, 27.1890



24.2874, 30.0352, 33.3715



24.9375, 30.0352, 40.2222

Triad

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



24.2874, 30.0352, 33.3715



31.0646, 30.0352, 44.7460



30.6419, 30.0352, 22.5203

Complementary

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



24.2874, 30.0352, 33.3715



23.1158, 19.9707, 20.0902

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.



32.4903, 30.0352, 26.1851



24.2874, 30.0352, 33.3715



32.7436, 30.0352, 38.9168

Square

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



24.2874, 30.0352, 33.3715



28.7800, 30.0352, 47.3272



33.2788, 30.0352, 32.0439



28.3164, 30.0352, 21.4525

Rectangle

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



24.2874, 30.0352, 33.3715



25.9228, 30.0352, 44.0989



33.2788, 30.0352, 32.0439



31.3438, 30.0352, 23.4621

Sweetspot

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



24.2883, 30.0364, 33.3722



53.7587, 59.4244, 65.3776



22.7896, 29.5683, 19.5455



11.9528, 13.3126, 14.6645



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.



24.2883, 30.0364, 33.3722



41.4751, 53.2191, 59.0611



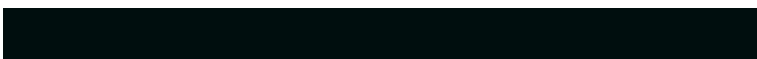
22.5680, 25.5291, 36.0873



6.7733, 7.4901, 8.2410



13.0916, 20.9046, 20.6373



0.2458, 0.3785, 0.4306

Inverse Universe

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



23.1158, 19.9707, 20.0902



38.9833, 31.7951, 30.8103



24.4167, 23.3096, 18.2517



6.6769, 6.6637, 7.1495



11.4612, 5.8891, 1.4138



0.2162, 0.1098, 0.0846

Previews

White Background



This preview shows how the XYZ color 24.2874, 30.0352, 33.3715 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 24.2874, 30.0352, 33.3715 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

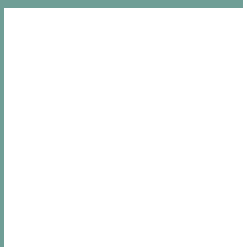
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2874, 30.0352, 33.3715

Background



This preview shows how black text looks on a background with the XYZ color 24.2874, 30.0352, 33.3715.



This preview shows how white text looks on a background with the XYZ color 24.2874, 30.0352,

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

24.2874, 30.0352, 33.3715

Protanopia

28.5728, 29.8688, 30.6449

Deuteranopia

30.4210, 29.8235, 34.2901



Tritanopia

25.8595, 29.9147, 41.4570

Trichromacy



Original Color

24.2874, 30.0352, 33.3715

Protanomaly

26.7331, 29.8502, 31.5468

Deuteranomaly

27.7426, 29.6015, 33.9572

Tritanomaly

25.2609, 29.9276, 38.1634

Monochromacy



Original Color

24.2874, 30.0352, 33.3715

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.1383, 28.0804, 31.2893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2874, 30.0352, 33.3715 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(111, 158, 150)` looks like.

```
.text, #text, p{  
    color:rgb(111, 158, 150)  
}
```

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(111, 158, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 158, 150) }
```

Border

The CSS property to change the border of an element to XYZ 24.2874, 30.0352, 33.3715 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(111, 158, 150) }
```


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

```
.border{ border-color:rgb(111, 158, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 158, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 158, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 158, 150);  
box-shadow:4px 4px 4px 4px rgb(111, 158,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2874, 30.0352, 33.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 158, 150) }
```

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

```
.background{ background-color: rgb(111,  
158, 150) }
```

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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