

Converting Colors

XYZ(24.6666, 31.1633, 34.6925)

Have a look what the booklet for
XYZ(24.6666, 31.1633, 34.6925)
contains.

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Color

**XYZ(24.7335, 31.2664,
34.8684)**

Conversions

Conversions Part 1

Format	Color
Hex	6BA299
RGB	107, 162, 153
RGB Percent	42%, 64%, 60%
CMY	0.5804, 0.3647, 0.4000
CMYK	0.34, 0.00, 0.06, 0.36
HSL	170°, 23%, 53%
HSV	170°, 34%, 64%
XYZ	24.7335, 31.2664, 34.8684
YIQ	144.5290, -29.8910, -14.4590

Conversions

Conversions Part 2

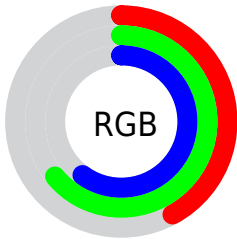
Format	Color
RYB	107, 137, 162
Decimal	7053977
CIELab	62.73, -20.14, -1.09
CIElCh	63, 20.174, 183.089
Yxy	31.2664, 0.2722, 0.3441
Android (android.graphics.Color)	4285244057 (0xFF6BA299)
YUV	144.5290, 4.1762, -32.9129
Hunter-Lab	55.9164, -18.8977, 2.1693

Details

The XYZ color **24.7335, 31.2664, 34.8684** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.3115, 19.4586, 19.0514**, and the grayscale version is **26.7157, 28.1070, 30.6086**.

A 20% lighter version of the original color is **50.5725, 61.6043, 68.2568**, and **9.6051, 12.9519, 14.5641** is the 20% darker color. If you saturate the color by 10%, you get **22.7490, 30.2692, 33.6455**, and if you desaturate by 10%, it is **27.0896, 32.4562, 36.1354**.

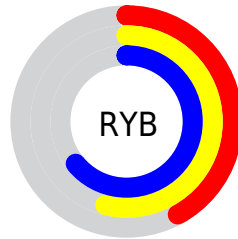
Distribution



Red (42%)

Green (64%)

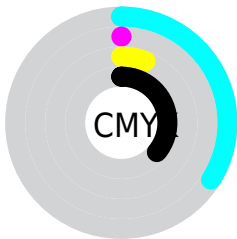
Blue (60%)



Red (42%)

Yellow (54%)

Blue (64%)

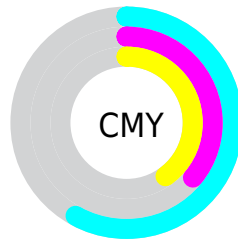


Cyan (34%)

Magenta (0%)

Yellow (6%)

Black (36%)



Cyan (58%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7335, 31.2664, 34.8684 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 24.7335, 31.2664, 34.8684 by changing the saturation by 10% instead.

■ 24.7335, 31.2664,
34.8684

■ 24.7335, 31.2664,
34.8684

268.8803,
307.7637, 338.8737

■ 16.0063, 20.8018,
23.2788

■ 50.6706, 61.6592,
68.4311

■ 9.6195, 12.9792,
14.5923

■ 68.6111, 82.3563,
91.2413

■ 5.2077, 7.4142,
8.3903

■ 90.3535, 107.2329,
118.6287

■ 2.4057, 3.7225,
4.2544

■ 116.2631,
136.6735, 151.0119

■ 0.8479, 1.5196,
1.7659

146.7052,
171.0625, 188.8095

■ 0.0000, 0.3024,
0.4053

182.0452,

■ 0.0000, 0.0000,

210.7843, 232.4400

0.0000

222.6485,
256.2232, 282.3218

■ 24.7335, 31.2664,
34.8684

■ 24.7335, 31.2664,
34.8684

■ 22.7490, 30.2692,
33.6455

■ 27.0896, 32.4562,
36.1354

■ 21.1129, 29.4502,
32.4636

■ 29.8335, 33.8446,
37.4455

■ 19.8037, 28.7992,
31.3220

■ 32.9836, 35.4418,
38.8003

■ 18.7962, 28.3032,
30.2194

■ 36.5564, 37.2564,
40.2007

■ 18.0616, 27.9473,
29.1544

■ 40.5675, 39.2963,
41.6477

■ 17.5655, 27.7138,
28.1251

■ 45.0317, 41.5692,
43.1422

■ 17.3285, 27.6048,
27.5172

■ 49.9629, 44.0823,
44.6848

■ 55.3748, 46.8426,
46.2764

■ 61.2802, 49.8568,
47.9178

Harmonies

Analogous

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



25.2379, 31.2664, 27.6257



24.7335, 31.2664, 34.8684



25.4949, 31.2664, 43.0210

Triad

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



24.7335, 31.2664, 34.8684



32.7062, 31.2664, 48.4098



32.1816, 31.2664, 22.2233

Complementary

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



24.7335, 31.2664, 34.8684



23.3115, 19.4586, 19.0514

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.



34.3830, 31.2664, 26.4113



24.7335, 31.2664, 34.8684



34.6987, 31.2664, 41.3861

Square

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



24.7335, 31.2664, 34.8684



30.0043, 31.2664, 51.5608



35.3303, 31.2664, 33.2323



29.4331, 31.2664, 21.0253

Rectangle

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



24.7335, 31.2664, 34.8684



26.6471, 31.2664, 47.6795



35.3303, 31.2664, 33.2323



33.0157, 31.2664, 23.2925

Sweetspot

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



24.7344, 31.2677, 34.8691



56.2207, 62.4851, 68.8922



22.7998, 30.6280, 18.6206



12.4593, 13.9489, 15.3994



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.7344, 31.2677, 34.8691



42.0245, 55.3144, 61.5543



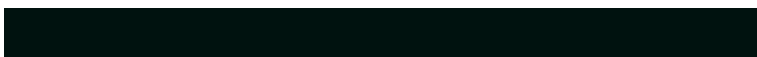
22.5088, 25.5812, 37.9352



7.2261, 7.9913, 8.8024



13.6646, 21.7522, 21.7483



0.2996, 0.4621, 0.5227

Inverse Universe

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



23.3115, 19.4586, 19.0514



39.0340, 30.4466, 28.2748



24.9311, 23.4957, 17.1316



7.1189, 7.1040, 7.6124



11.9015, 6.1167, 1.4061



0.2627, 0.1336, 0.0958

Previews

White Background



This preview shows how the XYZ color 24.7335, 31.2664, 34.8684 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 24.7335, 31.2664, 34.8684 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 24.7335, 31.2664, 34.8684

Background



This preview shows how black text looks on a background with the XYZ color 24.7335, 31.2664, 34.8684.

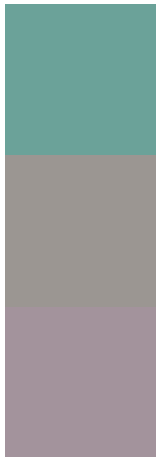


This preview shows how white text looks on a background with the XYZ color 24.7335, 31.2664,

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

24.7335, 31.2664, 34.8684

Protanopia

29.6122, 30.8566, 31.5893

Deuteranopia

31.5387, 31.0543, 35.7843



Tritanopia

26.5266, 31.2196, 43.6576

Trichromacy



Original Color

24.7335, 31.2664, 34.8684

Protanomaly

27.4616, 30.6844, 32.9091

Deuteranomaly

28.4723, 30.6627, 35.4282

Tritanomaly

25.7927, 31.1732, 40.2549

Monochromacy



Original Color

24.7335, 31.2664, 34.8684

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

25.7720, 29.0966, 32.2749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7335, 31.2664, 34.8684 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(107, 162, 153)` looks like.

```
.text, #text, p{  
    color:rgb(107, 162, 153)  
}
```

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(107, 162, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 162, 153) }
```

Border

The CSS property to change the border of an element to XYZ 24.7335, 31.2664, 34.8684 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(107, 162, 153) }
```


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

```
.border{ border-color:rgb(107, 162, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 162, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 162, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 162, 153);  
box-shadow:4px 4px 4px 4px rgb(107, 162,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7335, 31.2664, 34.8684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 162, 153) }
```

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

```
.background{ background-color: rgb(107,  
162, 153) }
```

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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