

Converting Colors

XYZ(24.6685, 29.3724, 42.8228)

Have a look what the booklet for
XYZ(24.6685, 29.3724, 42.8228)
contains.

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Color

**XYZ(24.6655, 29.2665,
42.8771)**

Conversions

Conversions Part 1

Format	Color
Hex	679BAB
RGB	103, 155, 171
RGB Percent	40%, 61%, 67%
CMY	0.5961, 0.3921, 0.3294
CMYK	0.40, 0.09, 0.00, 0.33
HSL	194°, 29%, 54%
HSV	194°, 40%, 67%
XYZ	24.6655, 29.2665, 42.8771
YIQ	141.2760, -36.1280, -6.0480

Conversions

Conversions Part 2

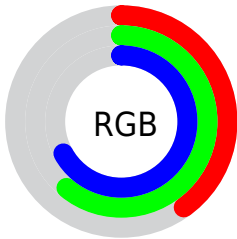
Format	Color
RYB	103, 132, 171
Decimal	6790059
CIELab	61.02, -13.04, -13.81
CIELCh	61, 18.994, 226.635
Yxy	29.2665, 0.2548, 0.3023
Android (android.graphics.Color)	4284980139 (0xFF679BAB)
YUV	141.2760, 14.6539, -33.5681
Hunter-Lab	54.0985, -13.2877, -9.1228

Details

The XYZ color **24.6655, 29.2665, 42.8771** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.8401, 22.8312, 15.8776**, and the grayscale version is **25.3808, 26.7026, 29.0792**.

A 20% lighter version of the original color is **50.4326, 58.2600, 80.5387**, and **9.5955, 11.9106, 19.2460** is the 20% darker color. If you saturate the color by 10%, you get **22.2429, 27.0408, 42.5757**, and if you desaturate by 10%, it is **27.5134, 31.7459, 43.2061**.

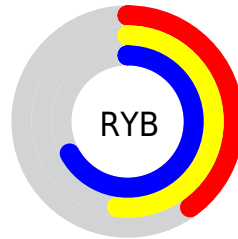
Distribution



Red (40%)

Green (61%)

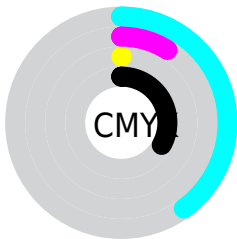
Blue (67%)



Red (40%)

Yellow (52%)

Blue (67%)

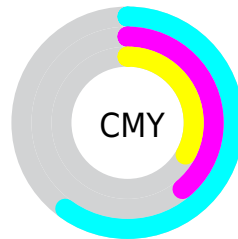


Cyan (40%)

Magenta (9%)

Yellow (0%)

Black (33%)



Cyan (60%)

Magenta (39%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6655, 29.2665, 42.8771 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 24.6655, 29.2665, 42.8771 by changing the saturation by 10% instead.

■ 24.6655, 29.2665,
42.8771

■ 24.6655, 29.2665,
42.8771

268.5465,
298.4703, 374.0125

■ 15.9554, 19.2825,
29.4580

■ 50.5609, 58.5002,
80.8097

■ 9.5833, 11.8746,
19.1790

■ 68.4768, 78.5188,
106.1604

■ 5.1837, 6.6583,
11.6216

■ 90.1922, 102.6510,
136.3252

■ 2.3913, 3.2494,
6.3672

■ 116.0722,
131.2812, 171.7229

■ 0.8408, 1.2633,
2.9972

146.4823,
164.7938, 212.7719

■ 0.0000, 0.1125,
1.0932

181.7878,

■ 0.0000, 0.0000,

203.5733, 259.8908

0.0000

222.3541,
248.0040, 313.4982

■ 24.6655, 29.2665,
42.8771

■ 24.6655, 29.2665,
42.8771

■ 22.2429, 27.0408,
42.5757

■ 27.5134, 31.7459,
43.2061

■ 20.2180, 25.0522,
42.2986

■ 30.8065, 34.4877,
43.5617

■ 18.5641, 23.2873,
42.0451

■ 34.5669, 37.5041,
43.9458

■ 17.2501, 21.7299,
41.8137

■ 38.8143, 40.8055,
44.3591

■ 16.2392, 20.3605,
41.6027

■ 43.5671, 44.4019,
44.8028

■ 15.4538, 19.1389,
41.4083

■ 48.8429, 48.3026,
45.2777

■ 15.4361, 19.1109,
41.4038

■ 54.6585, 52.5164,
45.7845

■ 61.0296, 57.0519,
46.3241

■ 67.2678, 61.5543,
46.8644

Harmonies

Analogous

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



23.4882, 29.2665, 35.9433



24.6655, 29.2665, 42.8771



26.7278, 29.2665, 47.1077

Triad

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



24.6655, 29.2665, 42.8771



32.7257, 29.2665, 35.1329



26.4723, 29.2665, 20.4777

Complementary

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



24.6655, 29.2665, 42.8771



25.8401, 22.8312, 15.8776

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.



28.9353, 29.2665, 20.3277



24.6655, 29.2665, 42.8771



32.6472, 29.2665, 28.1097

Square

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



24.6655, 29.2665, 42.8771



31.4345, 29.2665, 42.2082



31.2260, 29.2665, 22.9230



24.4881, 29.2665, 23.3688

Rectangle

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



24.6655, 29.2665, 42.8771



28.3723, 29.2665, 47.4704



31.2260, 29.2665, 22.9230



27.2689, 29.2665, 20.1218

Sweetspot

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



24.6664, 29.2676, 42.8778



60.1794, 65.7985, 78.5305



23.4788, 33.3387, 22.6090



13.2275, 14.5197, 17.4931



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.6664, 29.2676, 42.8778



40.2026, 48.7753, 76.2975



19.7984, 19.5317, 41.2551



8.0742, 8.7478, 10.2156



11.6781, 14.4901, 31.2259



0.3632, 0.4798, 0.8815

Inverse Universe

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



27.5619, 20.7257, 33.5593



46.3051, 31.8720, 56.4123



30.6128, 32.3767, 17.4685



8.2553, 8.1154, 9.6550



15.7582, 7.7658, 16.9040



0.4577, 0.2238, 0.5722

Previews

White Background



This preview shows how the XYZ color 24.6655, 29.2665, 42.8771 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 24.6655, 29.2665, 42.8771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

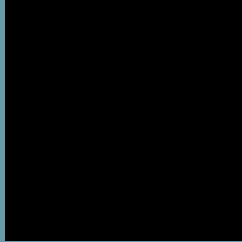
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6655, 29.2665, 42.8771

Background



This preview shows how black text looks on a background with the XYZ color 24.6655, 29.2665, 42.8771.



This preview shows how white text looks on a background with the XYZ color 24.6655, 29.2665,

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

24.6655, 29.2665, 42.8771

Protanopia

28.5720, 29.2037, 39.7283

Deuteranopia

29.6752, 28.9968, 44.0773



Tritanopia

24.2687, 29.0946, 41.3825

Trichromacy



Original Color

24.6655, 29.2665, 42.8771

Protanomaly

26.7758, 28.9520, 40.7363

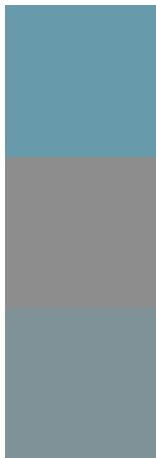
Deuteranomaly

27.4923, 28.7901, 43.6432

Tritanomaly

24.3623, 29.1320, 41.8751

Monochromacy



Original Color

24.6655, 29.2665, 42.8771

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.6988, 27.3368, 33.6805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6655, 29.2665, 42.8771 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(103, 155, 171)` looks like.

```
.text, #text, p{  
    color:rgb(103, 155, 171)  
}
```

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(103, 155, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 155, 171) }
```

Border

The CSS property to change the border of an element to XYZ 24.6655, 29.2665, 42.8771 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(103, 155, 171) }
```


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

```
.border{ border-color:rgb(103, 155, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 155, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 155, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 155, 171);  
box-shadow:4px 4px 4px 4px rgb(103, 155,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6655, 29.2665, 42.8771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 155, 171) }
```

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

```
.background{ background-color: rgb(103,  
155, 171) }
```

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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