

Converting Colors

XYZ(23.9451, 30.6546, 28.3097)

Have a look what the booklet for
XYZ(23.9451, 30.6546, 28.3097)
contains.

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Color

**XYZ(24.0703, 30.8066,
28.3445)**

Conversions

Conversions Part 1

Format	Color
Hex	71A189
RGB	113, 161, 137
RGB Percent	44%, 63%, 54%
CMY	0.5569, 0.3686, 0.4627
CMYK	0.30, 0.00, 0.15, 0.37
HSL	150°, 20%, 54%
HSV	150°, 30%, 63%
XYZ	24.0703, 30.8066, 28.3445
YIQ	143.9120, -20.9040, -17.6400

Conversions

Conversions Part 2

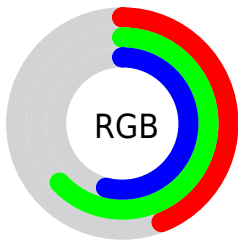
Format	Color
RYB	113, 145, 161
Decimal	7446921
CIELab	62.34, -21.35, 7.37
CIELCh	62, 22.589, 160.949
Yxy	30.8066, 0.2892, 0.3702
Android (android.graphics.Color)	4285637001 (0xFF71A189)
YUV	143.9120, -3.4076, -27.1098
Hunter-Lab	55.5037, -19.7213, 8.5745

Details

The XYZ color **24.0703, 30.8066, 28.3445** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.1195, 21.1943, 26.4353**, and the grayscale version is **26.4938, 27.8736, 30.3543**.

A 20% lighter version of the original color is **49.5760, 60.9364, 57.8642**, and **9.2388, 12.6822, 10.9778** is the 20% darker color. If you saturate the color by 10%, you get **21.6239, 29.6105, 25.3274**, and if you desaturate by 10%, it is **26.9290, 32.2119, 31.6072**.

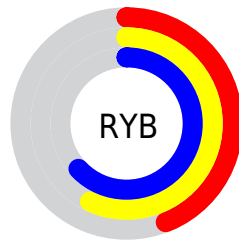
Distribution



Red (44%)

Green (63%)

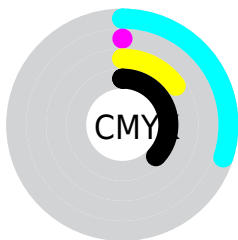
Blue (54%)



Red (44%)

Yellow (57%)

Blue (63%)

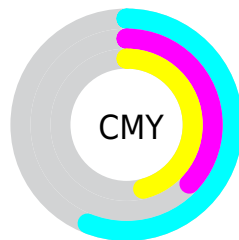


Cyan (30%)

Magenta (0%)

Yellow (15%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0703, 30.8066, 28.3445 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 24.0703, 30.8066, 28.3445 by changing the saturation by 10% instead.

■ 24.0703, 30.8066,
28.3445

■ 24.0703, 30.8066,
28.3445

265.6096,
305.6463, 308.0730

■ 15.5108, 20.4516,
18.3442

■ 49.5987, 60.9355,
58.0637

■ 9.2673, 12.7238,
11.0254

■ 67.2984, 81.4781,
78.6197

■ 4.9744, 7.2386,
5.9695

■ 88.7754, 106.1855,
103.5313

■ 2.2669, 3.6118,
2.7581

■ 114.3953,
135.4419, 133.2171

■ 0.7776, 1.4589,
0.9725

144.5233,
169.6318, 168.0956

■ 0.0000, 0.2595,
0.0000

179.5247,

■ 0.0000, 0.0000,

209.1396, 208.5854

0.0000

219.7651,
254.3496, 255.1050

■ 24.0703, 30.8066,
28.3445

■ 24.0703, 30.8066,
28.3445

■ 21.6239, 29.6105,
25.3274

■ 26.9290, 32.2119,
31.6072

■ 19.5668, 28.6095,
22.5479

■ 30.2164, 33.8323,
35.1191

■ 17.8778, 27.7934,
20.0008

■ 33.9510, 35.6780,
38.8861

■ 16.5323, 27.1497,
17.6795

■ 38.1494, 37.7576,
42.9136

■ 15.5027, 26.6644,
15.5775

■ 42.8275, 40.0791,
47.2067

■ 14.7565, 26.3208,
13.6874

■ 48.0002, 42.6501,
51.7702

■ 14.2212, 26.0816,
12.0001

■ 53.6820, 45.4779,
56.6089

■ 14.2119, 26.0774,
11.9705

■ 59.8867, 48.5697,
61.7275

■ 65.5507, 51.3770,
67.0802

Harmonies

Analogous

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



25.5960, 30.8066, 22.3705



24.0703, 30.8066, 28.3445



23.8822, 30.8066, 36.8421

Triad

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



24.0703, 30.8066, 28.3445



30.4111, 30.8066, 52.9267



33.9469, 30.8066, 23.6785

Complementary

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



24.0703, 30.8066, 28.3445



25.1195, 21.1943, 26.4353

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.



35.4371, 30.8066, 30.4473



24.0703, 30.8066, 28.3445



33.3032, 30.8066, 47.9268

Square

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



24.0703, 30.8066, 28.3445



27.4043, 30.8066, 52.0970



35.1936, 30.8066, 39.3415



31.2409, 30.8066, 20.0182

Rectangle

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



24.0703, 30.8066, 28.3445



24.5249, 30.8066, 42.9634



35.1936, 30.8066, 39.3415



34.6149, 30.8066, 25.6116

Sweetspot

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



24.0711, 30.8079, 28.3452



54.5196, 60.7890, 63.3138



26.1747, 32.0696, 20.4338



11.7676, 13.2385, 13.6892



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.



24.0711, 30.8079, 28.3452



40.0231, 53.6617, 47.0067



25.9187, 31.5469, 38.0741



7.1263, 7.9513, 8.2770



11.3707, 20.8346, 9.6685



0.2628, 0.4473, 0.3288

Inverse Universe

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



25.1195, 21.1943, 26.4353



42.2186, 33.5295, 43.0070



23.6299, 20.5984, 18.5909



7.2145, 7.1423, 8.1162



12.9308, 6.5284, 6.8262



0.2956, 0.1467, 0.2690

Previews

White Background



This preview shows how the XYZ color 24.0703, 30.8066, 28.3445 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 24.0703, 30.8066, 28.3445 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 24.0703, 30.8066, 28.3445

Background



This preview shows how black text looks on a background with the XYZ color 24.0703, 30.8066, 28.3445.



This preview shows how white text looks on a background with the XYZ color 24.0703, 30.8066,

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

24.0703, 30.8066, 28.3445

Protanopia

28.9077, 30.6195, 25.8593

Deuteranopia

31.0075, 30.4691, 29.0578



Tritanopia

26.7956, 30.6346, 42.0369

Trichromacy



Original Color

24.0703, 30.8066, 28.3445

Protanomaly

26.7737, 30.4674, 26.6600

Deuteranomaly

27.9396, 30.2932, 28.8007

Tritanomaly

25.6488, 30.6699, 36.4663

Monochromacy



Original Color

24.0703, 30.8066, 28.3445

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.3869, 28.7223, 29.4052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0703, 30.8066, 28.3445 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(113, 161, 137)` looks like.

```
.text, #text, p{  
    color:rgb(113, 161, 137)  
}
```

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(113, 161, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 161, 137) }
```

Border

The CSS property to change the border of an element to XYZ 24.0703, 30.8066, 28.3445 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(113, 161, 137) }
```


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

```
.border{ border-color:rgb(113, 161, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 161, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 161, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 161, 137);  
box-shadow:4px 4px 4px 4px rgb(113, 161,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0703, 30.8066, 28.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 161, 137) }
```

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

```
.background{ background-color: rgb(113,  
161, 137) }
```

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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