

Converting Colors

XYZ(30.4673, 30.4380, 43.7227)

Have a look what the booklet for
XYZ(30.4673, 30.4380, 43.7227)
contains.

XYZ(30.3710, 30.2741, 43.7779)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.3710, 30.2741,
43.7779)**

Conversions

Conversions Part 1

Format	Color
Hex	9593AD
RGB	149, 147, 173
RGB Percent	58%, 58%, 68%
CMY	0.4157, 0.4235, 0.3216
CMYK	0.14, 0.15, 0.00, 0.32
HSL	245°, 14%, 63%
HSV	245°, 15%, 68%
XYZ	30.3710, 30.2741, 43.7779
YIQ	150.5620, -7.1540, 8.5100

Conversions

Conversions Part 2

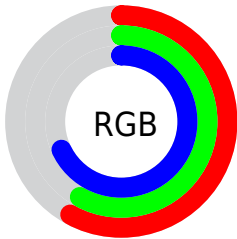
Format	Color
R_{YB}	149, 147, 173
Decimal	9802669
CIE Lab	61.89, 6.10, -13.32
CIE LCh	62, 14.650, 294.594
Yxy	30.2741, 0.2908, 0.2899
Android (android.graphics.Color)	4287992749 (0xFF9593AD)
YUV	150.5620, 11.0619, -1.3699
Hunter-Lab	55.0219, 2.2401, -8.6585

Details

The XYZ color **30.3710, 30.2741, 43.7779** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.0055, 40.6523, 33.5014**, and the grayscale version is **29.1857, 30.7056, 33.4384**.

A 20% lighter version of the original color is **59.5188, 60.0712, 81.8567**, and **12.7629, 12.5265, 19.8343** is the 20% darker color. If you saturate the color by 10%, you get **25.1640, 23.8927, 42.8211**, and if you desaturate by 10%, it is **36.3840, 37.6731, 44.8896**.

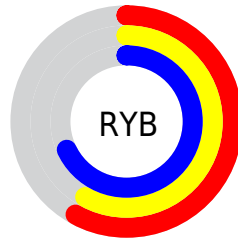
Distribution



Red (58%)

Green (58%)

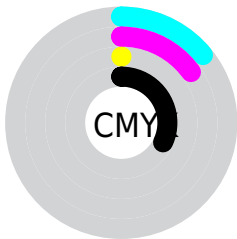
Blue (68%)



Red (58%)

Yellow (58%)

Blue (68%)

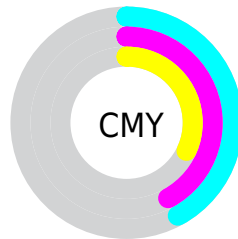


Cyan (14%)

Magenta (15%)

Yellow (0%)

Black (32%)



Cyan (42%)

Magenta (42%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3710, 30.2741, 43.7779 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 30.3710, 30.2741, 43.7779 by changing the saturation by 10% instead.

■ 30.3710, 30.2741,
43.7779

■ 30.3710, 30.2741,
43.7779

295.5088,
303.1800, 377.8160

■ 20.2698, 20.0467,
30.1600

■ 59.6310, 60.0954,
82.1823

■ 12.7007, 12.4290,
19.7070

■ 79.5206, 80.4581,
107.8060

■ 7.2984, 7.0366,
12.0003

103.4036,
104.9680, 138.2687

■ 3.6974, 3.4850,
6.6213

131.6455,
134.0096, 173.9889

■ 1.5324, 1.3899,
3.1516

164.6116,
167.9672, 215.3852

■ 0.3477, 0.2092,
1.1726

202.6673,

■ 0.0000, 0.0000,

207.2252, 262.8761

0.0000

246.1780,
252.1680, 316.8802

■ 30.3710, 30.2741,
43.7779

■ 30.3710, 30.2741,
43.7779

■ 25.1640, 23.8927,
42.8211

■ 36.3840, 37.6731,
44.8896

■ 20.7261, 18.4809,
42.0104

■ 43.2322, 46.1276,
46.1606

■ 17.0215, 13.9922,
41.3392

■ 50.9471, 55.6781,
47.5974

■ 14.0107, 10.3750,
40.7997

■ 59.5574, 66.3618,
49.2057

■ 11.6503, 7.5726,
40.3832

■ 69.0906, 78.2143,
50.9910

■ 9.8919, 5.5215,
40.0800

■ 79.5730, 91.2695,
52.9585

■ 8.6807, 4.1489,
39.8789

■ 84.5429, 95.7972,
53.5704

■ 7.9507, 3.3660,
39.7663

■ 7.7134, 3.1050,
39.7284

Harmonies

Analogous

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



28.4212, 30.2741, 44.9121



30.3710, 30.2741, 43.7779



31.9554, 30.2741, 39.6169

Triad

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



30.3710, 30.2741, 43.7779



31.0127, 30.2741, 24.9290



25.1851, 30.2741, 31.9574

Complementary

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



30.3710, 30.2741, 43.7779



37.0055, 40.6523, 33.5014

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.



25.8123, 30.2741, 27.0999



30.3710, 30.2741, 43.7779



29.1310, 30.2741, 23.3475

Square

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



30.3710, 30.2741, 43.7779



32.3375, 30.2741, 28.6742



27.2352, 30.2741, 24.0949



25.4836, 30.2741, 37.6602

Rectangle

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



30.3710, 30.2741, 43.7779



32.5611, 30.2741, 35.9131



27.2352, 30.2741, 24.0949



25.2937, 30.2741, 30.1797

Sweetspot

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



30.3719, 30.2754, 43.7786



65.0924, 67.3852, 80.3817



34.1897, 38.4476, 45.1548



13.9773, 14.4364, 17.4375



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.



30.3719, 30.2754, 43.7786



51.1723, 50.2670, 77.8112



32.8237, 31.5393, 43.8933



7.6338, 7.7855, 10.0531



5.6870, 2.2916, 29.1871



0.1762, 0.0730, 0.8128

Inverse Universe

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



35.0189, 32.6931, 42.9939



61.0972, 55.4318, 76.0918



34.3640, 39.2906, 33.3778



8.3101, 8.1373, 9.9438



17.3123, 8.3875, 25.0879



0.4893, 0.2364, 0.7384

Previews

White Background



This preview shows how the XYZ color 30.3710, 30.2741, 43.7779 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 30.3710, 30.2741, 43.7779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

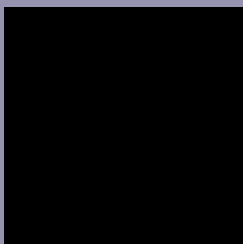
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

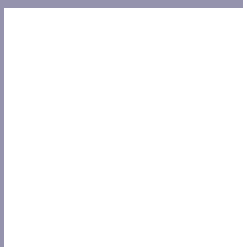
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.3710, 30.2741, 43.7779

Background



This preview shows how black text looks on a background with the XYZ color 30.3710, 30.2741, 43.7779.



This preview shows how white text looks on a background with the XYZ color 30.3710, 30.2741,

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

30.3710, 30.2741, 43.7779

Protanopia

29.9069, 30.2555, 44.3080

Deuteranopia

30.9586, 30.3472, 43.7611



Tritanopia

29.2131, 30.2711, 38.0214

Trichromacy



Original Color

30.3710, 30.2741, 43.7779

Protanomaly

30.0839, 30.3468, 44.3163

Deuteranomaly

30.7706, 30.2503, 43.7523

Tritanomaly

29.5942, 30.1923, 39.8652

Monochromacy



Original Color

30.3710, 30.2741, 43.7779

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.7420, 30.7999, 37.1783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3710, 30.2741, 43.7779 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(149, 147, 173)` looks like.

```
.text, #text, p{  
    color:rgb(149, 147, 173)  
}
```

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(149, 147, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 147, 173) }
```

Border

The CSS property to change the border of an element to XYZ 30.3710, 30.2741, 43.7779 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(149, 147, 173) }
```


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

```
.border{ border-color:rgb(149, 147, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 147, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 147, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 147, 173);  
box-shadow:4px 4px 4px 4px rgb(149, 147,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3710, 30.2741, 43.7779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 147, 173) }
```

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

```
.background{ background-color: rgb(149,  
147, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor