

Converting Colors

XYZ(24.2903, 28.2386, 47.3504)

Have a look what the booklet for
XYZ(24.2903, 28.2386, 47.3504)
contains.

XYZ(24.2903, 28.2386, 47.3504)	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(24.2903, 28.2386,
47.3504)**

Conversions

Conversions Part 1

Format	Color
Hex	6098B4
RGB	96, 152, 180
RGB Percent	38%, 60%, 71%
CMY	0.6235, 0.4039, 0.2941
CMYK	0.47, 0.16, 0.00, 0.29
HSL	200°, 36%, 54%
HSV	200°, 47%, 71%
XYZ	24.2903, 28.2386, 47.3504
YIQ	138.4480, -42.3640, -3.1640

Conversions

Conversions Part 2

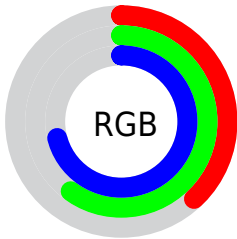
Format	Color
R_{YB}	96, 130, 180
Decimal	6330548
CIE _{Lab}	60.10, -10.73, -20.31
CIE _{LCh}	60, 22.974, 242.144
Yxy	28.2386, 0.2432, 0.2827
Android (android.graphics.Color)	4284520628 (0xFF6098B4)
YUV	138.4480, 20.4851, -37.2269
Hunter-Lab	53.1400, -11.4026, -15.6324

Details

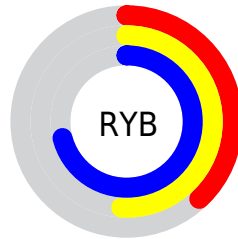
The XYZ color **24.2903, 28.2386, 47.3504** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **28.1419, 24.9636, 14.4023**, and the grayscale version is **24.2651, 25.5288, 27.8008**.

A 20% lighter version of the original color is **49.9741, 56.7781, 87.6822**, and **9.3595, 11.2908, 21.7647** is the 20% darker color. If you saturate the color by 10%, you get **21.6598, 25.4738, 46.9559**, and if you desaturate by 10%, it is **27.4055, 31.3276, 47.7830**.

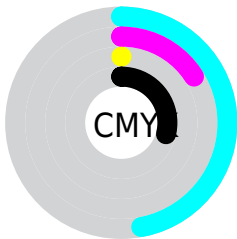
Distribution



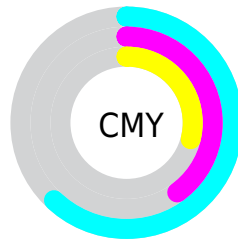
- Red (38%)
- Green (60%)
- Blue (71%)



- Red (38%)
- Yellow (51%)
- Blue (71%)



- Cyan (47%)
- Magenta (16%)
- Yellow (0%)
- Black (29%)



- Cyan (62%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2903, 28.2386, 47.3504 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 24.2903, 28.2386, 47.3504 by changing the saturation by 10% instead.

■ 24.2903, 28.2386,
47.3504

■ 24.2903, 28.2386,
47.3504

266.6982,
293.6053, 392.6456

■ 15.6750, 18.5056,
32.9564

■ 49.9547, 56.8652,
87.5919

■ 9.3839, 11.3136,
21.8222

■ 67.7346, 76.5275,
114.2764

■ 5.0515, 6.2782,
13.5293

■ 89.3000, 100.2684,
145.8950

■ 2.3126, 3.0150,
7.6590

■ 115.0164,
128.4723, 182.8660

■ 0.8011, 1.1395,
3.7929

145.2490,
161.5235, 225.6080

■ 0.0000, 0.0115,
1.5124

180.3633,

■ 0.0000, 0.0000,

199.8065, 274.5396

0.2272

220.7246,
243.7056, 330.0793

■ 0.0000, 0.0000,
0.0000

■ 24.2903, 28.2386,
47.3504

■ 24.2903, 28.2386,
47.3504

■ 21.6598, 25.4738,
46.9559

■ 27.4055, 31.3276,
47.7830

■ 19.4805, 23.0132,
46.5958

■ 31.0304, 34.7529,
48.2531

■ 17.7188, 20.8388,
46.2690

■ 35.1918, 38.5300,
48.7628

■ 16.3347, 18.9288,
45.9733

■ 39.9132, 42.6720,
49.3134

■ 15.2735, 17.2541,
45.7059

■ 45.2172, 47.1915,
49.9062

■ 14.9552, 16.7290,
45.6213

■ 51.1247, 52.1003,
50.5424

■ 57.6558, 57.4097,
51.2229

■ 64.8294, 63.1304,
51.9491

■ 71.5499, 68.6984,
52.6696

Harmonies

Analogous

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



22.3427, 28.2386, 40.1652



24.2903, 28.2386, 47.3504



27.0515, 28.2386, 49.8745

Triad

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



24.2903, 28.2386, 47.3504



32.8788, 28.2386, 30.1467



23.9500, 28.2386, 18.9994

Complementary

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



24.2903, 28.2386, 47.3504



28.1419, 24.9636, 14.4023

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.



26.6295, 28.2386, 17.2671



24.2903, 28.2386, 47.3504



31.9035, 28.2386, 22.9298

Square

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



24.2903, 28.2386, 47.3504



32.1408, 28.2386, 38.9275



29.5620, 28.2386, 18.5644



22.1565, 28.2386, 23.8013

Rectangle

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



24.2903, 28.2386, 47.3504



29.0222, 28.2386, 48.2632



29.5620, 28.2386, 18.5644



24.7699, 28.2386, 18.0828

Sweetspot

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



24.2912, 28.2397, 47.3511



65.7911, 71.6223, 88.6515



24.6960, 36.5500, 24.3619



13.8433, 15.1459, 19.1161



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.2912, 28.2397, 47.3511



39.1462, 46.0505, 85.1200



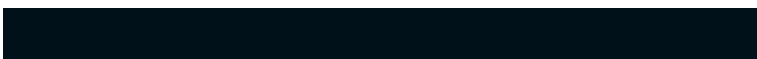
18.7910, 17.2393, 45.5177



8.4993, 9.1447, 10.8235



10.5013, 11.8030, 31.8617



0.3814, 0.4733, 1.0195

Inverse Universe

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



28.6735, 20.3368, 32.1211



48.3846, 31.0925, 52.6318



34.3174, 37.3147, 16.4608



8.7272, 8.5976, 10.0619



15.5352, 7.7317, 13.2444



0.5145, 0.2536, 0.5522

Previews

White Background



This preview shows how the XYZ color 24.2903, 28.2386, 47.3504 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 24.2903, 28.2386, 47.3504 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

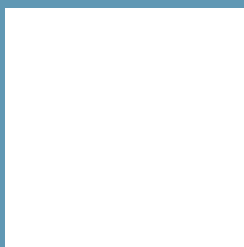
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2903, 28.2386, 47.3504

Background



This preview shows how black text looks on a background with the XYZ color 24.2903, 28.2386, 47.3504.



This preview shows how white text looks on a background with the XYZ color 24.2903, 28.2386,

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

24.2903, 28.2386, 47.3504

Protanopia

27.9437, 28.1042, 43.9963

Deuteranopia

28.4496, 27.8304, 48.1283



Tritanopia

22.9443, 28.1765, 40.7885

Trichromacy



Original Color

24.2903, 28.2386, 47.3504

Protanomaly

26.2837, 27.9033, 45.0749

Deuteranomaly

26.6343, 27.7979, 47.6778

Tritanomaly

23.3518, 28.0882, 43.2205

Monochromacy



Original Color

24.2903, 28.2386, 47.3504

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.7406, 26.1558, 33.9343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2903, 28.2386, 47.3504 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(96, 152, 180)` looks like.

```
.text, #text, p{  
    color:rgb(96, 152, 180)  
}
```

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(96, 152, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 152, 180) }
```

Border

The CSS property to change the border of an element to XYZ 24.2903, 28.2386, 47.3504 is called "border". The border property can be set on classes, ids or directly on the HTML element.

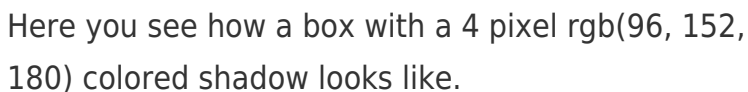
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 152, 180) }
```


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

```
.border{ border-color:rgb(96, 152, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 152, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 152, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 152, 180);  
box-shadow:4px 4px 4px 4px rgb(96, 152,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2903, 28.2386, 47.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 152, 180) }
```

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

```
.background{ background-color: rgb(96, 152,  
180) }
```

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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