

Converting Colors

XYZ(25.4717, 27.6142, 42.4901)

Have a look what the booklet for
XYZ(25.4717, 27.6142, 42.4901)
contains.

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Color

**XYZ(25.3753, 27.4911,
42.4970)**

Conversions

Conversions Part 1

Format	Color
Hex	7892AB
RGB	120, 146, 171
RGB Percent	47%, 57%, 67%
CMY	0.5294, 0.4274, 0.3294
CMYK	0.30, 0.15, 0.00, 0.33
HSL	209°, 23%, 57%
HSV	209°, 30%, 67%
XYZ	25.3753, 27.4911, 42.4970
YIQ	141.0760, -23.5210, 2.2630

Conversions

Conversions Part 2

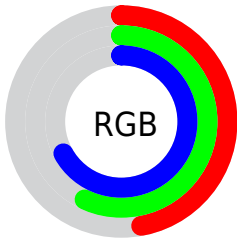
Format	Color
R_{YB}	120, 137, 171
Decimal	7901867
CIE _{Lab}	59.43, -3.16, -16.12
CIE _{LCh}	59, 16.422, 258.911
Yxy	27.4911, 0.2661, 0.2883
Android (android.graphics.Color)	4286091947 (0xFF7892AB)
YUV	141.0760, 14.7525, -18.4837
Hunter-Lab	52.4320, -5.3679, -11.3532

Details

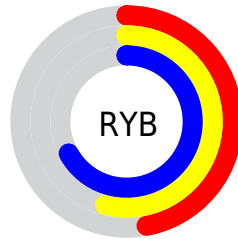
The XYZ color **25.3753, 27.4911, 42.4970** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **30.3106, 30.2651, 22.0143**, and the grayscale version is **25.2985, 26.6160, 28.9848**.

A 20% lighter version of the original color is **51.6153, 55.6838, 79.9791**, and **10.0384, 10.9997, 19.0468** is the 20% darker color. If you saturate the color by 10%, you get **21.9673, 23.8864, 41.9813**, and if you desaturate by 10%, it is **29.3033, 31.5058, 43.0654**.

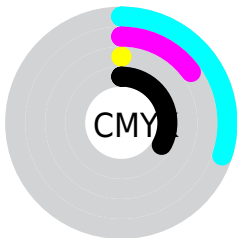
Distribution



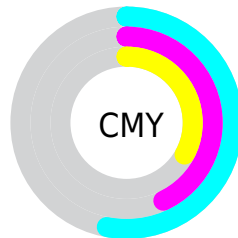
- Red (47%)
- Green (57%)
- Blue (67%)



- Red (47%)
- Yellow (54%)
- Blue (67%)



- Cyan (30%)
- Magenta (15%)
- Yellow (0%)
- Black (33%)



- Cyan (53%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3753, 27.4911, 42.4970 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 25.3753, 27.4911, 42.4970 by changing the saturation by 10% instead.

■ 25.3753, 27.4911,
42.4970

■ 25.3753, 27.4911,
42.4970

272.0151,
290.0271, 372.3993

■ 16.4871, 17.9424,
29.1622

■ 51.7039, 55.6709,
80.2295

■ 9.9625, 10.9086,
18.9569

■ 69.8751, 75.0708,
105.4642

■ 5.4362, 6.0054,
11.4626

■ 91.8713, 98.5233,
135.5026

■ 2.5428, 2.8484,
6.2609

118.0579,
126.4126, 170.7633

■ 0.9169, 1.0531,
2.9330

148.8002,
159.1233, 211.6648

■ 0.0000, 0.0000,
1.0605

184.4636,

■ 0.0000, 0.0000,

197.0397, 258.6256

0.0000

225.4135,
240.5462, 312.0642

■ 25.3753, 27.4911,
42.4970

■ 25.3753, 27.4911,
42.4970

■ 21.9673, 23.8864,
41.9813

■ 29.3033, 31.5058,
43.0654

■ 19.0521, 20.6729,
41.5147

■ 33.7716, 35.9419,
43.6861

■ 16.6039, 17.8346,
41.0959

■ 38.8024, 40.8144,
44.3614

■ 14.5932, 15.3533,
40.7229

■ 44.4159, 46.1363,
45.0928

■ 12.9868, 13.2083,
40.3936

■ 50.6312, 51.9203,
45.8816

■ 11.7457, 11.3763,
40.1054

■ 57.4665, 58.1783,
46.7293

■ 10.7894, 9.8120,
39.8538

■ 64.9393, 64.9219,
47.6371

■ 10.7736, 9.7860,
39.8496

■ 72.3999, 71.8185,
48.5750

■ 74.5638, 76.1464,
49.2964

Harmonies

Analogous

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



23.6126, 27.4911, 39.3189



25.3753, 27.4911, 42.4970



27.4339, 27.4911, 41.9933

Triad

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



25.3753, 27.4911, 42.4970



30.0571, 27.4911, 26.4063



23.2574, 27.4911, 23.0818

Complementary

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



25.3753, 27.4911, 42.4970



30.3106, 30.2651, 22.0143

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.



24.8671, 27.4911, 20.4361



25.3753, 27.4911, 42.4970



28.8191, 27.4911, 22.1742

Square

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



25.3753, 27.4911, 42.4970



30.2108, 27.4911, 32.1675



26.8984, 27.4911, 20.1272



22.4333, 27.4911, 27.8047

Rectangle

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



25.3753, 27.4911, 42.4970



28.6962, 27.4911, 39.6522



26.8984, 27.4911, 20.1272



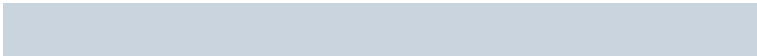
23.7205, 27.4911, 21.9481

Sweetspot

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



25.3762, 27.4922, 42.4976



61.0495, 64.9246, 78.3159



27.3932, 35.1530, 31.9889



13.3452, 14.2146, 17.4280



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.



25.3762, 27.4922, 42.4976



41.1893, 44.7593, 75.4704



21.9163, 20.5724, 41.3443



7.9038, 8.4069, 10.1588



8.1745, 7.4829, 30.0580



0.2820, 0.3174, 0.8544

Inverse Universe

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



28.7001, 24.1670, 30.3473



48.2651, 38.2537, 49.4770



34.5882, 38.8203, 23.4401



8.1692, 8.0809, 9.2020



13.9898, 7.0584, 7.5915



0.4167, 0.2074, 0.3564

Previews

White Background



This preview shows how the XYZ color 25.3753, 27.4911, 42.4970 looks on a white background.

Color Contrast Check

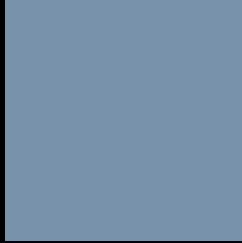
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3753, 27.4911, 42.4970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

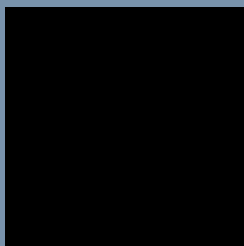
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

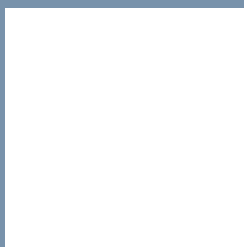
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3753, 27.4911, 42.4970

Background



This preview shows how black text looks on a background with the XYZ color 25.3753, 27.4911, 42.4970.



This preview shows how white text looks on a background with the XYZ color 25.3753, 27.4911,

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

25.3753, 27.4911, 42.4970

Protanopia

27.2221, 27.5764, 40.9338

Deuteranopia

27.9798, 27.4855, 42.8603



Tritanopia

24.4063, 27.5694, 37.2928

Trichromacy



Original Color

25.3753, 27.4911, 42.4970

Protanomaly

26.3440, 27.3348, 41.4238

Deuteranomaly

26.9509, 27.3929, 42.8966

Tritanomaly

24.7423, 27.4697, 39.1201

Monochromacy



Original Color

25.3753, 27.4911, 42.4970

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.1628, 26.8985, 33.5715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3753, 27.4911, 42.4970 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(120, 146, 171)` looks like.

```
.text, #text, p{  
    color:rgb(120, 146, 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(120, 146, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 146, 171) }
```

Border

The CSS property to change the border of an element to XYZ 25.3753, 27.4911, 42.4970 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(120, 146, 171) }
```


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

```
.border{ border-color:rgb(120, 146, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 146, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 146, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 146, 171); box-shadow:4px 4px 4px 4px rgb(120, 146, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3753, 27.4911, 42.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 146, 171) }
```

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

```
.background{ background-color: rgb(120,  
146, 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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