

Converting Colors

XYZ(22.6257, 27.1741, 42.5058)

Have a look what the booklet for
XYZ(22.6257, 27.1741, 42.5058)
contains.

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Color

**XYZ(22.7317, 27.2976,
42.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	5B97AB
RGB	91, 151, 171
RGB Percent	36%, 59%, 67%
CMY	0.6431, 0.4078, 0.3294
CMYK	0.47, 0.12, 0.00, 0.33
HSL	195°, 32%, 51%
HSV	195°, 47%, 67%
XYZ	22.7317, 27.2976, 42.5990
YIQ	135.3400, -42.1800, -6.5000

Conversions

Conversions Part 2

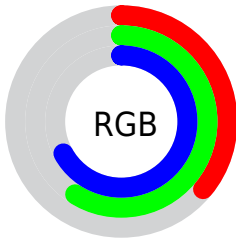
Format	Color
R_{YB}	91, 125, 171
Decimal	6002603
CIE _{Lab}	59.25, -13.99, -16.54
CIE _{LCh}	59, 21.659, 229.778
Yxy	27.2976, 0.2454, 0.2947
Android (android.graphics.Color)	4284192683 (0xFF5B97AB)
YUV	135.3400, 17.5804, -38.8862
Hunter-Lab	52.2471, -13.7706, -11.7684

Details

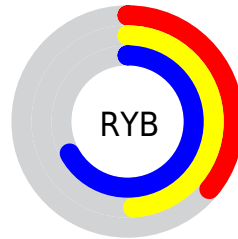
The XYZ color **22.7317, 27.2976, 42.5990** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.3681, 20.7829, 12.6256**, and the grayscale version is **23.1041, 24.3073, 26.4706**.

A 20% lighter version of the original color is **47.2358, 55.1734, 80.1114**, and **8.5801, 10.8036, 19.0858** is the 20% darker color. If you saturate the color by 10%, you get **20.5588, 25.1751, 42.3043**, and if you desaturate by 10%, it is **25.3153, 29.6701, 42.9213**.

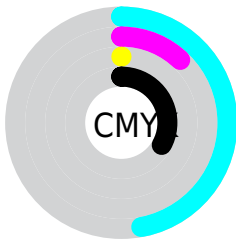
Distribution



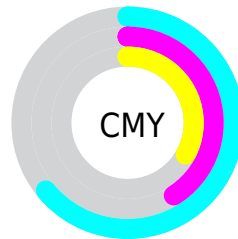
- Red (36%)
- Green (59%)
- Blue (67%)



- Red (36%)
- Yellow (49%)
- Blue (67%)



- Cyan (47%)
- Magenta (12%)
- Yellow (0%)
- Black (33%)



- Cyan (64%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7317, 27.2976, 42.5990 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 22.7317, 27.2976, 42.5990 by changing the saturation by 10% instead.

■ 22.7317, 27.2976,
42.5990

■ 22.7317, 27.2976,
42.5990

258.9051,
289.0952, 372.8327

■ 14.5151, 17.7969,
29.2415

■ 47.4223, 55.3611,
80.3852

■ 8.5639, 10.8042,
19.0165

■ 64.6271, 74.6925,
105.6511

■ 4.5127, 5.9354,
11.5052

■ 85.5586, 98.0698,
135.7235

■ 1.9961, 2.8058,
6.2893

■ 110.5822,
125.8771, 171.0210

■ 0.6317, 1.0312,
2.9502

140.0633,
158.4989, 211.9621

■ 0.0000, 0.0000,
1.0693

174.3673,

■ 0.0000, 0.0000,

196.3195, 258.9654

0.0000

213.8594,
239.7235, 312.4494

■ 22.7317, 27.2976,
42.5990

■ 22.7317, 27.2976,
42.5990

■ 20.5588, 25.1751,
42.3043

■ 25.3153, 29.6701,
42.9213

■ 18.7674, 23.2854,
42.0340

■ 28.3314, 32.3023,
43.2704

■ 17.3284, 21.6135,
41.7871

■ 31.8030, 35.2071,
43.6481

■ 16.2068, 20.1411,
41.5621

■ 35.7507, 38.3956,
44.0554

■ 15.3529, 18.8423,
41.3563

■ 40.1940, 41.8781,
44.4934

■ 15.1029, 18.4445,
41.2927

■ 45.1510, 45.6643,
44.9630

■ 50.6392, 49.7636,
45.4650

■ 56.6750, 54.1848,
46.0002

■ 63.2741, 58.9363,
46.5695

Harmonies

Analogous

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



21.3553, 27.2976, 35.0493



22.7317, 27.2976, 42.5990



25.0340, 27.2976, 46.9109

Triad

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



22.7317, 27.2976, 42.5990



31.4044, 27.2976, 32.4433



24.2262, 27.2976, 17.7998

Complementary

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



22.7317, 27.2976, 42.5990



24.3681, 20.7829, 12.6256

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.



26.8790, 27.2976, 17.3477



22.7317, 27.2976, 42.5990



31.1505, 27.2976, 24.9646

Square

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



22.7317, 27.2976, 42.5990



30.1201, 27.2976, 40.4088



29.4489, 27.2976, 19.7436



22.1757, 27.2976, 21.1087

Rectangle

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



22.7317, 27.2976, 42.5990



26.8383, 27.2976, 46.9381



29.4489, 27.2976, 19.7436



25.0728, 27.2976, 17.3337

Sweetspot

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



22.7326, 27.2986, 42.5996



58.6662, 64.4516, 78.3502



21.6744, 32.4692, 19.7826



12.7656, 14.1137, 17.4391



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.



22.7326, 27.2986, 42.5996



36.7456, 45.0120, 75.7534



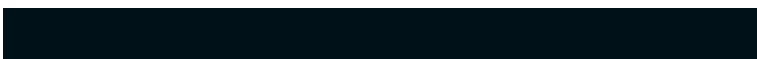
17.4970, 16.8274, 40.8544



8.0642, 8.7278, 10.2123



11.4285, 13.9908, 31.1427



0.3579, 0.4692, 0.8797

Inverse Universe

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



26.1224, 18.3754, 31.4492



43.7910, 27.9216, 52.2516



29.5368, 31.1205, 14.3485



8.2502, 8.1133, 9.6285



15.6322, 7.7154, 16.2405



0.4551, 0.2227, 0.5581

Previews

White Background



This preview shows how the XYZ color 22.7317, 27.2976, 42.5990 looks on a white background.

Color Contrast Check

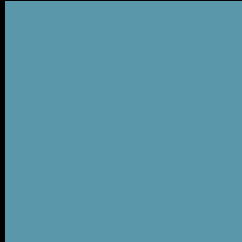
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7317, 27.2976, 42.5990 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

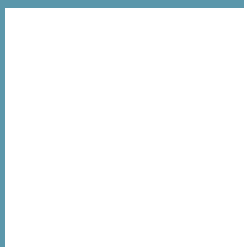
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.7317, 27.2976, 42.5990

Background



This preview shows how black text looks on a background with the XYZ color 22.7317, 27.2976, 42.5990.



This preview shows how white text looks on a background with the XYZ color 22.7317, 27.2976,

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

22.7317, 27.2976, 42.5990

Protanopia

26.7069, 27.1334, 38.9516

Deuteranopia

27.6878, 27.0967, 43.8153



Tritanopia

22.0489, 27.2607, 39.2217

Trichromacy



Original Color

22.7317, 27.2976, 42.5990

Protanomaly

24.9856, 27.1058, 40.4743

Deuteranomaly

25.3913, 26.7996, 43.3697

Tritanomaly

22.4197, 27.4202, 40.6702

Monochromacy



Original Color

22.7317, 27.2976, 42.5990

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.4779, 25.1098, 31.6789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7317, 27.2976, 42.5990 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(91, 151, 171)` looks like.

```
.text, #text, p{  
    color:rgb(91, 151, 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(91, 151, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 151, 171) }
```

Border

The CSS property to change the border of an element to XYZ 22.7317, 27.2976, 42.5990 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(91, 151, 171) }
```


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

```
.border{ border-color:rgb(91, 151, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 151, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 151, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 151, 171);  
box-shadow:4px 4px 4px 4px rgb(91, 151,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7317, 27.2976, 42.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 151, 171) }
```

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

```
.background{ background-color: rgb(91, 151,  
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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