

Converting Colors

XYZ(22.5797, 27.7012, 42.6849)

Have a look what the booklet for
XYZ(22.5797, 27.7012, 42.6849)
contains.

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Color

**XYZ(22.5797, 27.7012,
42.6849)**

Conversions

Conversions Part 1

Format	Color
Hex	5699AB
RGB	86, 153, 171
RGB Percent	34%, 60%, 67%
CMY	0.6627, 0.4000, 0.3294
CMYK	0.50, 0.11, 0.00, 0.33
HSL	193°, 34%, 50%
HSV	193°, 50%, 67%
XYZ	22.5797, 27.7012, 42.6849
YIQ	135.0190, -45.7100, -8.6060

Conversions

Conversions Part 2

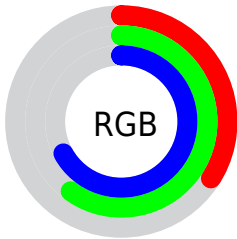
Format	Color
R_{YB}	86, 123, 171
Decimal	5675435
CIE _{Lab}	59.62, -16.27, -16.00
CIE _{LCh}	60, 22.820, 224.519
Yxy	27.7012, 0.2429, 0.2980
Android (android.graphics.Color)	4283865515 (0xFF5699AB)
YUV	135.0190, 17.7386, -42.9897
Hunter-Lab	52.6319, -15.5273, -11.2423

Details

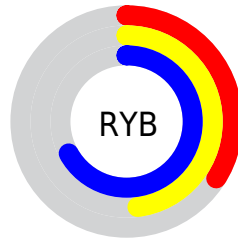
The XYZ color **22.5797, 27.7012, 42.6849** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.4253, 19.2311, 11.2823**, and the grayscale version is **22.9854, 24.1824, 26.3347**.

A 20% lighter version of the original color is **47.0248, 55.7794, 80.2395**, and **8.5071, 11.0543, 19.1381** is the 20% darker color. If you saturate the color by 10%, you get **20.6061, 25.8178, 42.4259**, and if you desaturate by 10%, it is **24.9496, 29.8168, 42.9688**.

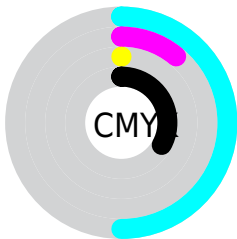
Distribution



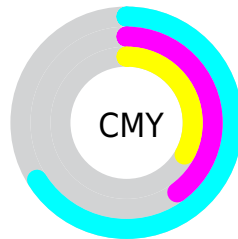
- Red (34%)
- Green (60%)
- Blue (67%)



- Red (34%)
- Yellow (48%)
- Blue (67%)



- Cyan (50%)
- Magenta (11%)
- Yellow (0%)
- Black (33%)



- Cyan (66%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5797, 27.7012, 42.6849 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 22.5797, 27.7012, 42.6849 by changing the saturation by 10% instead.

■ 22.5797, 27.7012,
42.6849

■ 22.5797, 27.7012,
42.6849

258.1347,
291.0364, 373.1974

■ 14.4025, 18.1005,
29.3084

■ 47.1740, 56.0070,
80.5164

■ 8.4847, 11.0222,
19.0667

■ 64.3218, 75.4810,
105.8085

■ 4.4610, 6.0818,
11.5412

■ 85.1905, 99.0149,
135.9095

■ 1.9661, 2.8949,
6.3133

■ 110.1454,
126.9930, 171.2379

■ 0.6148, 1.0771,
2.9647

139.5519,
159.7998, 212.2124

■ 0.0000, 0.0000,
1.0766

173.7754,

■ 0.0000, 0.0000,

197.8198, 259.2515

0.0000

213.1812,
241.4371, 312.7736

■ 22.5797, 27.7012,
42.6849

■ 22.5797, 27.7012,
42.6849

■ 20.6061, 25.8178,
42.4259

■ 24.9496, 29.8168,
42.9688

■ 18.9989, 24.1492,
42.1885

■ 27.7381, 32.1745,
43.2770

■ 17.7277, 22.6800,
41.9719

■ 30.9687, 34.7873,
43.6110

■ 16.7559, 21.3912,
41.7744

■ 34.6624, 37.6662,
43.9720

■ 16.0068, 20.2429,
41.5922

■ 38.8388, 40.8215,
44.3609

■ 15.9856, 20.2100,
41.5870

■ 43.5163, 44.2631,
44.7787

■ 48.7126, 48.0001,
45.2261

■ 54.4441, 52.0412,
45.7041

■ 60.7267, 56.3950,
46.2133

Harmonies

Analogous

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



21.3304, 27.7012, 34.3092



22.5797, 27.7012, 42.6849



24.8805, 27.7012, 48.1442

Triad

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



22.5797, 27.7012, 42.6849



32.0262, 27.7012, 34.5898



24.9670, 27.7012, 17.2811

Complementary

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



22.5797, 27.7012, 42.6849



23.4253, 19.2311, 11.2823

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.



27.8330, 27.7012, 17.3287



22.5797, 27.7012, 42.6849



32.0536, 27.7012, 26.3631

Square

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



22.5797, 27.7012, 42.6849



30.4000, 27.7012, 42.9223



30.4723, 27.7012, 20.3644



22.6390, 27.7012, 20.2201

Rectangle

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



22.5797, 27.7012, 42.6849



26.7673, 27.7012, 48.8654



30.4723, 27.7012, 20.3644



25.8958, 27.7012, 16.9681

Sweetspot

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



22.5806, 27.7023, 42.6856



58.2955, 64.5309, 78.3851



20.8496, 32.0842, 17.9269



12.7043, 14.1588, 17.4510



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.



22.5806, 27.7023, 42.6856



36.4766, 45.8108, 75.9217



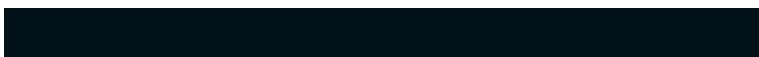
16.9284, 16.3979, 40.8015



8.0902, 8.7798, 10.2210



12.0897, 15.3132, 31.3631



0.3719, 0.4972, 0.8844

Inverse Universe

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



25.8729, 17.6143, 32.1744



43.3289, 26.4874, 53.6699



28.6770, 29.7345, 13.0329



8.2633, 8.1186, 9.6976



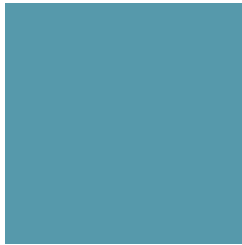
15.9659, 7.8489, 17.9979



0.4621, 0.2255, 0.5953

Previews

White Background



This preview shows how the XYZ color 22.5797, 27.7012, 42.6849 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 22.5797, 27.7012, 42.6849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

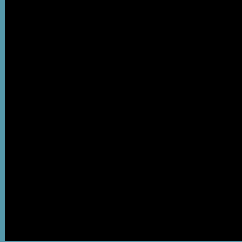
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5797, 27.7012, 42.6849

Background



This preview shows how black text looks on a background with the XYZ color 22.5797, 27.7012, 42.6849.



This preview shows how white text looks on a background with the XYZ color 22.5797, 27.7012,

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

22.5797, 27.7012, 42.6849

Protanopia

27.0213, 27.5153, 39.0088

Deuteranopia

28.0026, 27.4749, 43.8717



Tritanopia

22.0947, 27.7492, 40.2680

Trichromacy



Original Color

22.5797, 27.7012, 42.6849

Protanomaly

24.9997, 27.3409, 40.5189

Deuteranomaly

25.5534, 27.3329, 43.4641

Tritanomaly

22.3698, 27.8697, 41.2462

Monochromacy



Original Color

22.5797, 27.7012, 42.6849

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.3544, 25.2660, 31.7156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5797, 27.7012, 42.6849 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(86, 153, 171)` looks like.

```
.text, #text, p{  
    color:rgb(86, 153, 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(86, 153, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 153, 171) }
```

Border

The CSS property to change the border of an element to XYZ 22.5797, 27.7012, 42.6849 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(86, 153, 171) }
```


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

```
.border{ border-color:rgb(86, 153, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 153, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 153, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 153, 171);  
box-shadow:4px 4px 4px 4px rgb(86, 153,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5797, 27.7012, 42.6849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 153, 171) }
```

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

```
.background{ background-color: rgb(86, 153,  
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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