

Converting Colors

XYZ(21.7735, 25.8470, 60.6597)

Have a look what the booklet for
XYZ(21.7735, 25.8470, 60.6597)
contains.

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Color

**XYZ(21.8777, 25.9737,
60.9871)**

Conversions

Conversions Part 1

Format	Color
Hex	1195CC
RGB	17, 149, 204
RGB Percent	7%, 58%, 80%
CMY	0.9332, 0.4157, 0.2000
CMYK	0.92, 0.27, 0.00, 0.20
HSL	198°, 85%, 43%
HSV	198°, 92%, 80%
XYZ	21.8777, 25.9737, 60.9871
YIQ	115.8020, -96.3270, -10.8790

Conversions

Conversions Part 2

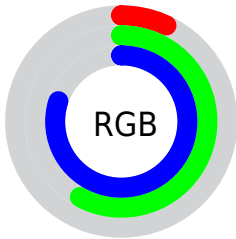
Format	Color
RYB	17, 94, 204
Decimal	1152460
CIELab	58.01, -12.59, -37.26
CIELCh	58, 39.326, 251.325
Yxy	25.9737, 0.2010, 0.2386
Android (android.graphics.Color)	4279342540 (0xFF1195CC)
YUV	115.8020, 43.4816, -86.6494
Hunter-Lab	50.9644, -12.5623, -35.2749

Details

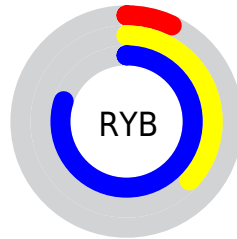
The XYZ color **21.8777, 25.9737, 60.9871** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **27.3229, 17.5168, 2.4726**, and the grayscale version is **16.4355, 17.2914, 18.8303**.

A 20% lighter version of the original color is **44.9995, 52.8154, 102.4304**, and **9.8727, 10.9374, 30.4449** is the 20% darker color. If you saturate the color by 10%, you get **20.8712, 24.3036, 60.7183**, and if you desaturate by 10%, it is **23.3995, 28.2046, 61.3380**.

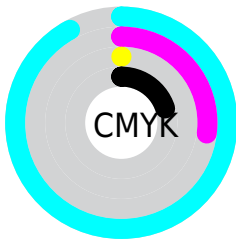
Distribution



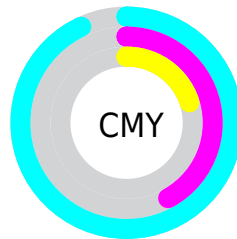
- Red (7%)
- Green (58%)
- Blue (80%)



- Red (7%)
- Yellow (37%)
- Blue (80%)



- Cyan (92%)
- Magenta (27%)
- Yellow (0%)
- Black (20%)



- Cyan (93%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8777, 25.9737, 60.9871 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 21.8777, 25.9737, 60.9871 by changing the saturation by 10% instead.

■ 21.8777, 25.9737,
60.9871

■ 21.8777, 25.9737,
60.9871

254.5513,
282.6530, 446.1320

■ 13.8832, 16.8040,
43.7843

■ 46.0241, 53.2325,
107.8176

■ 8.1206, 10.0948,
30.1650

■ 62.9067, 72.0904,
138.2824

■ 4.2247, 5.4619,
19.7107

■ 83.4828, 94.9464,
174.0048

■ 1.8300, 2.5207,
12.0030

■ 108.1175,
122.1850, 215.4036

■ 0.5357, 0.8870,
6.6231

■ 137.1764,
154.1906, 262.8971

■ 0.0000, 0.0000,
3.1527

171.0248,

■ 0.0000, 0.0000,

191.3475, 316.9040

1.1731

210.0280,
234.0402, 377.8428

■ 0.0000, 0.0000,
0.0000

■ 21.8777, 25.9737,
60.9871

■ 21.8777, 25.9737,
60.9871

■ 20.8712, 24.3036,
60.7183

■ 23.3995, 28.2046,
61.3380

■ 25.3799, 30.7452,
61.7240

■ 27.8797, 33.6283,
62.1488

■ 30.9493, 36.8809,
62.6148

■ 34.6328, 40.5267,
63.1244

■ 38.9695, 44.5870,
63.6795

■ 43.9956, 49.0812,
64.2821

■ 49.7442, 54.0276,
64.9339

■ 56.2464, 59.4430,
65.6364

Harmonies

Analogous

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



18.4461, 25.9737, 49.2985



21.8777, 25.9737, 60.9871



26.5238, 25.9737, 62.4467

Triad

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



21.8777, 25.9737, 60.9871



34.7649, 25.9737, 23.4509



19.1360, 25.9737, 12.8389

Complementary

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



21.8777, 25.9737, 60.9871



27.3229, 17.5168, 2.4726

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.



22.9374, 25.9737, 9.6099



21.8777, 25.9737, 60.9871



32.1978, 25.9737, 14.2905

Square

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



21.8777, 25.9737, 60.9871



34.3857, 25.9737, 37.5067



27.7275, 25.9737, 10.0386



17.0088, 25.9737, 20.7076

Rectangle

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



21.8777, 25.9737, 60.9871



29.7444, 25.9737, 57.0128



27.7275, 25.9737, 10.0386



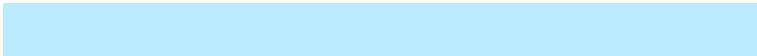
20.2384, 25.9737, 11.3093

Sweetspot

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



21.8786, 25.9746, 60.9878



67.9721, 76.9497, 105.8780



22.9305, 43.7479, 13.0311



13.9537, 15.9326, 22.5898



0.0000, 0.0000, 0.0000



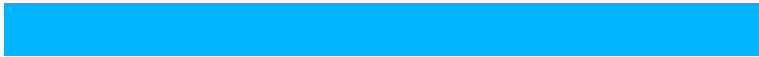
20.3446, 21.4041, 23.3091

Same Dimension

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



21.8786, 25.9746, 60.9878



34.3689, 39.8579, 100.4896



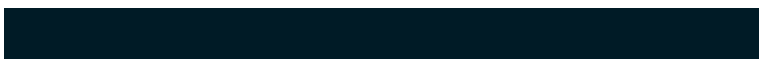
12.6210, 7.4593, 57.9019



11.2537, 12.1479, 14.3220



13.2204, 15.4649, 38.2445



0.7458, 0.9253, 1.9942

Inverse Universe

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



30.5280, 15.4094, 29.7998



49.4771, 24.5548, 45.3057



38.1881, 39.2472, 6.0944



11.5414, 11.3453, 13.3858



18.8840, 9.3642, 17.6395



1.0064, 0.4960, 1.0795

Previews

White Background



This preview shows how the XYZ color 21.8777, 25.9737, 60.9871 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 21.8777, 25.9737, 60.9871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

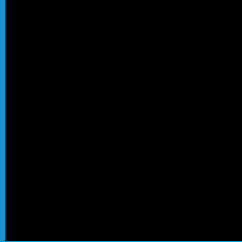
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.8777, 25.9737, 60.9871

Background



This preview shows how black text looks on a background with the XYZ color 21.8777, 25.9737, 60.9871.

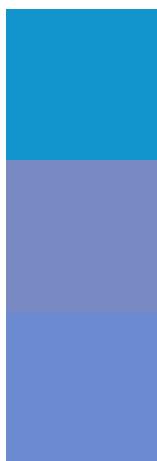


This preview shows how white text looks on a background with the XYZ color 21.8777, 25.9737,

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

21.8777, 25.9737, 60.9871

Protanopia

26.5684, 25.8513, 54.6284

Deuteranopia

26.5353, 25.8701, 62.6264



Tritanopia

18.4385, 25.8644, 40.0969

Trichromacy



Original Color

21.8777, 25.9737, 60.9871

Protanomaly

23.2852, 24.9660, 57.0177

Deuteranomaly

23.7152, 25.2981, 62.0256

Tritanomaly

19.5416, 25.7905, 47.1281

Monochromacy



Original Color

21.8777, 25.9737, 60.9871

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.3727, 19.2819, 30.8758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8777, 25.9737, 60.9871 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(17, 149, 204)` looks like.

```
.text, #text, p{  
    color:rgb(17, 149, 204)  
}
```

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(17, 149, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 149, 204) }
```

Border

The CSS property to change the border of an element to XYZ 21.8777, 25.9737, 60.9871 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(17, 149, 204) }
```


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

```
.border{ border-color:rgb(17, 149, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 149, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 149, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 149, 204);  
box-shadow:4px 4px 4px 4px rgb(17, 149,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8777, 25.9737, 60.9871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 149, 204) }
```

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

```
.background{ background-color: rgb(17, 149,  
204) }
```

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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