

Converting Colors

XYZ(9.1192, 17.1969, 53.1022)

Have a look what the booklet for
XYZ(9.1192, 17.1969, 53.1022)
contains.

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Color

**XYZ(18.8583, 22.3155,
53.7655)**

Conversions

Conversions Part 1

Format	Color
Hex	008BC1
RGB	0, 139, 193
RGB Percent	0%, 55%, 76%
CMY	0.9998, 0.4549, 0.2431
CMYK	1.00, 0.28, 0.00, 0.24
HSL	197°, 100%, 38%
HSV	197°, 100%, 76%
XYZ	18.8583, 22.3155, 53.7655
YIQ	103.5950, -100.1780, -12.6740

Conversions

Conversions Part 2

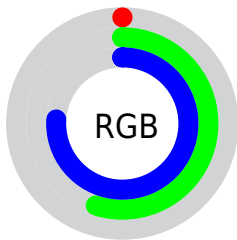
Format	Color
RYB	0, 81, 193
Decimal	35777
CIELab	54.36, -11.65, -36.77
CIELCh	54, 38.572, 252.418
Yxy	22.3155, 0.1986, 0.2351
Android (android.graphics.Color)	4278225857 (0xFF008BC1)
YUV	103.5950, 44.0767, -90.8528
Hunter-Lab	47.2393, -11.4101, -34.4136

Details

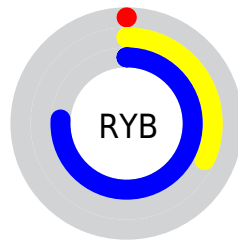
The XYZ color **18.8583, 22.3155, 53.7655** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **23.3140, 13.9801, 1.4709**, and the grayscale version is **12.9593, 13.6342, 14.8476**.

A 20% lighter version of the original color is **40.9288, 47.0882, 97.3742**, and **8.2326, 9.0088, 25.7311** is the 20% darker color. If you saturate the color by 10%, you get **18.8568, 22.3124, 53.7654**, and if you desaturate by 10%, it is **19.9354, 24.0609, 54.0461**.

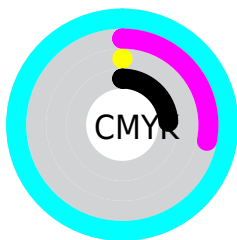
Distribution



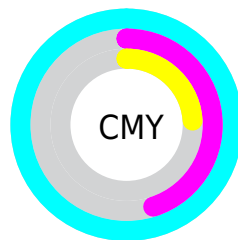
- Red (0%)
- Green (55%)
- Blue (76%)



- Red (0%)
- Yellow (32%)
- Blue (76%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.8583, 22.3155, 53.7655 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 18.8583, 22.3155, 53.7655 by changing the saturation by 10% instead.

■ 18.8583, 22.3155,
53.7655

■ 18.8583, 22.3155,
53.7655

■ 238.6185,
264.1895, 418.3645

■ 11.6713, 14.0889,
38.0223

■ 41.0132, 47.2669,
97.1828

■ 6.5909, 8.1825,
25.6980

■ 56.7119, 64.7605,
125.6939

■ 3.2516, 4.2120,
16.3741

■ 75.9786, 86.1119,
159.2982

■ 1.2882, 1.7928,
9.6321

■ 99.1785, 111.7055,
198.4141

■ 0.1744, 0.4827,
5.0533

■ 126.6772,
141.9256, 243.4601

■ 0.0000, 0.0000,
2.2193

■ 158.8398,

■ 0.0000, 0.0000,

177.1567, 294.8548

0.6855

196.0318,
217.7832, 353.0167

■ 0.0000, 0.0000,
0.0000

■ 18.8583, 22.3155,
53.7655

■ 18.8583, 22.3155,
53.7655

■ 18.8568, 22.3124,
53.7654

■ 19.9354, 24.0609,
54.0461

■ 21.3241, 26.0249,
54.3520

■ 23.1229, 28.2592,
54.6884

■ 25.3822, 30.7906,
55.0580

■ 28.1447, 33.6418,
55.4627

■ 31.4478, 36.8331,
55.9046

■ 35.3253, 40.3824,
56.3853

■ 39.8082, 44.3064,
56.9065

■ 44.9250, 48.6206,
57.4695

Harmonies

Analogous

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



15.7792, 22.3155, 43.5240



18.8583, 22.3155, 53.7655



22.9985, 22.3155, 54.6886

Triad

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



18.8583, 22.3155, 53.7655



30.1359, 22.3155, 19.6469



16.2063, 22.3155, 10.8895

Complementary

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



18.8583, 22.3155, 53.7655



23.3140, 13.9801, 1.4709

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.



19.5171, 22.3155, 7.9640



18.8583, 22.3155, 53.7655



27.7632, 22.3155, 11.7775

Square

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



18.8583, 22.3155, 53.7655



29.8980, 22.3155, 31.9930



23.7500, 22.3155, 8.2238



14.3931, 22.3155, 17.9475

Rectangle

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



18.8583, 22.3155, 53.7655



25.8511, 22.3155, 49.5843



23.7500, 22.3155, 8.2238



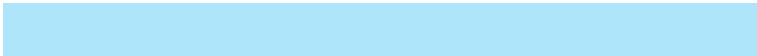
17.1609, 22.3155, 9.5142

Sweetspot

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



18.8591, 22.3162, 53.7661



62.9002, 71.9958, 100.9417



19.6793, 38.3840, 9.5617



12.8382, 14.8518, 21.5753



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



18.8591, 22.3162, 53.7661



33.5538, 39.5242, 96.2207



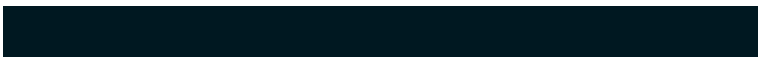
10.5673, 5.7325, 51.0021



10.1226, 10.9365, 12.8623



12.6121, 14.9807, 35.7835



0.6006, 0.7587, 1.5647

Inverse Universe

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



26.6533, 13.2027, 25.5702



47.6232, 23.5994, 45.2064



32.5792, 32.5105, 4.5593



10.3732, 10.1979, 12.0557



17.7620, 8.7945, 17.1905



0.7956, 0.3912, 0.8908

Previews

White Background



This preview shows how the XYZ color 18.8583, 22.3155, 53.7655 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 18.8583, 22.3155, 53.7655 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

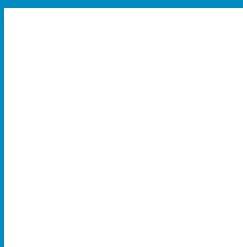
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.8583, 22.3155, 53.7655

Background



This preview shows how black text looks on a background with the XYZ color 18.8583, 22.3155, 53.7655.

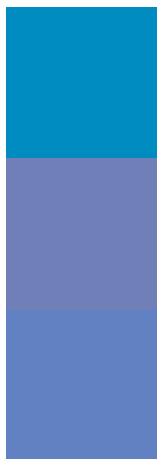


This preview shows how white text looks on a background with the XYZ color 18.8583, 22.3155,

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

18.8583, 22.3155, 53.7655

Protanopia

22.9232, 22.0842, 48.4019

Deuteranopia

22.7376, 22.2373, 54.7236



Tritanopia

15.8897, 22.3131, 34.4797

Trichromacy



Original Color

18.8583, 22.3155, 53.7655

Protanomaly

19.6845, 21.1600, 50.0605

Deuteranomaly

20.1117, 21.6942, 54.1663

Tritanomaly

16.8344, 22.2106, 40.9359

Monochromacy



Original Color

18.8583, 22.3155, 53.7655

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.0520, 15.6584, 25.6270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.8583, 22.3155, 53.7655 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(0, 139, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 139, 193)  
}
```

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(0, 139, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 139, 193) }
```

Border

The CSS property to change the border of an element to XYZ 18.8583, 22.3155, 53.7655 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(0, 139, 193) }
```


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

```
.border{ border-color:rgb(0, 139, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 139, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 139, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 139, 193);  
box-shadow:4px 4px 4px 4px rgb(0, 139,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 18.8583, 22.3155, 53.7655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 139, 193) }
```

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

```
.background{ background-color: rgb(0, 139,  
193) }
```

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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