

Converting Colors

XYZ(13.5063, 22.3043, 54.7957)

Have a look what the booklet for
XYZ(13.5063, 22.3043, 54.7957)
contains.

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Color

**XYZ(20.8042, 26.0283,
54.9664)**

Conversions

Conversions Part 1

Format	Color
Hex	0097C2
RGB	0, 151, 194
RGB Percent	0%, 59%, 76%
CMY	0.9999, 0.4078, 0.2392
CMYK	1.00, 0.22, 0.00, 0.24
HSL	193°, 100%, 38%
HSV	193°, 100%, 76%
XYZ	20.8042, 26.0283, 54.9664
YIQ	110.7530, -103.7990, -18.6390

Conversions

Conversions Part 2

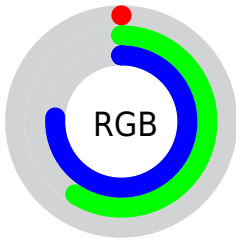
Format	Color
RYB	0, 85, 194
Decimal	38850
CIELab	58.06, -17.91, -31.55
CIElCh	58, 36.282, 240.417
Yxy	26.0283, 0.2044, 0.2557
Android (android.graphics.Color)	4278228930 (0xFF0097C2)
YUV	110.7530, 41.0408, -97.1304
Hunter-Lab	51.0179, -16.4923, -28.1661

Details

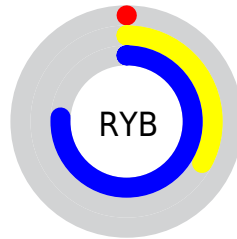
The XYZ color **20.8042, 26.0283, 54.9664** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **23.1138, 13.1999, 1.3307**, and the grayscale version is **14.9481, 15.7265, 17.1262**.

A 20% lighter version of the original color is **44.2809, 53.2243, 99.2063**, and **9.2908, 11.0078, 26.4460** is the 20% darker color. If you saturate the color by 10%, you get **20.8033, 26.0263, 54.9666**, and if you desaturate by 10%, it is **21.7867, 27.5816, 55.2150**.

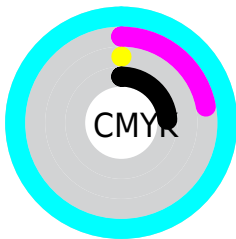
Distribution



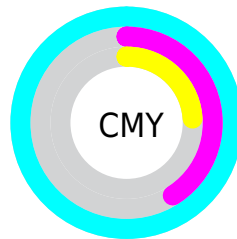
- Red (0%)
- Green (59%)
- Blue (76%)



- Red (0%)
- Yellow (33%)
- Blue (76%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (41%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8042, 26.0283, 54.9664 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 20.8042, 26.0283, 54.9664 by changing the saturation by 10% instead.

■ 20.8042, 26.0283,
54.9664

■ 20.8042, 26.0283,
54.9664

248.9875,
282.9210, 423.0629

■ 13.0926, 16.8448,
38.9764

■ 44.2552, 53.3206,
98.9624

■ 7.5698, 10.1239,
26.4337

■ 60.7253, 72.1982,
127.8054

■ 3.8704, 5.4812,
16.9197

■ 80.8456, 95.0760,
161.7699

■ 1.6291, 2.5323,
10.0159

■ 104.9814,
122.3383, 201.2744

■ 0.4112, 0.8927,
5.3038

■ 133.4982,
154.3695, 246.7374

■ 0.0000, 0.0000,
2.3647

■ 166.7612,

■ 0.0000, 0.0000,

191.5541, 298.5775

0.7671

205.1359,
234.2765, 357.2131

■ 0.0000, 0.0000,
0.0000

■ 20.8042, 26.0283,
54.9664

■ 20.8042, 26.0283,
54.9664

■ 20.8033, 26.0263,
54.9666

■ 21.7867, 27.5816,
55.2150

■ 23.0704, 29.3276,
55.4843

■ 24.7548, 31.3184,
55.7798

■ 26.8905, 33.5805,
56.1039

■ 29.5205, 36.1364,
56.4586

■ 32.6825, 39.0060,
56.8458

■ 36.4104, 42.2071,
57.2672

■ 40.7355, 45.7560,
57.7243

■ 45.6862, 49.6680,
58.2184

Harmonies

Analogous

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



18.1548, 26.0283, 42.4143



20.8042, 26.0283, 54.9664



24.8005, 26.0283, 60.0098

Triad

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



20.8042, 26.0283, 54.9664



34.1687, 26.0283, 28.1651



20.7097, 26.0283, 12.1958

Complementary

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



20.8042, 26.0283, 54.9664



23.1138, 13.1999, 1.3307

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.



24.6778, 26.0283, 10.3975



20.8042, 26.0283, 54.9664



32.7493, 26.0283, 17.7851

Square

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



20.8042, 26.0283, 54.9664



32.8233, 26.0283, 42.0174



29.1413, 26.0283, 12.0959



18.1049, 26.0283, 18.0091

Rectangle

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



20.8042, 26.0283, 54.9664



27.7998, 26.0283, 57.5431



29.1413, 26.0283, 12.0959



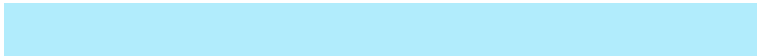
21.9118, 26.0283, 11.1944

Sweetspot

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



20.8051, 26.0292, 54.9671



65.6065, 76.1662, 103.7135



19.7115, 38.7518, 8.6374



13.7076, 16.1197, 22.6389



0.0000, 0.0000, 0.0000



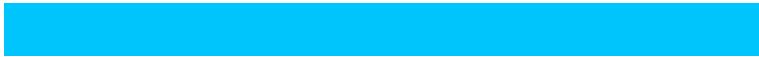
20.3446, 21.4041, 23.3091

Same Dimension

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



20.8051, 26.0292, 54.9671



37.4917, 46.7561, 99.5186



11.1041, 6.6271, 51.7334



10.1730, 11.0373, 12.8791



13.7404, 17.2373, 36.1595



0.6416, 0.8407, 1.5783

Inverse Universe

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



27.8348, 13.7047, 30.4572



50.3272, 24.7872, 54.6466



31.4877, 29.9477, 4.1220



10.3986, 10.2081, 12.1897



18.3315, 9.0223, 20.1895



0.8162, 0.3995, 0.9998

Previews

White Background



This preview shows how the XYZ color 20.8042, 26.0283, 54.9664 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 20.8042, 26.0283, 54.9664 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

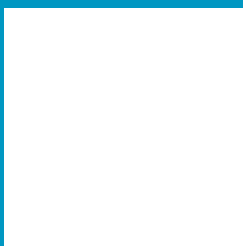
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.8042, 26.0283, 54.9664

Background



This preview shows how black text looks on a background with the XYZ color 20.8042, 26.0283, 54.9664.

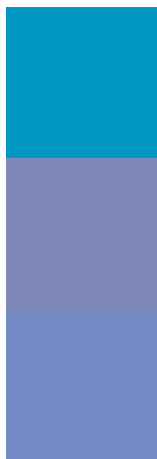


This preview shows how white text looks on a background with the XYZ color 20.8042, 26.0283,

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

20.8042, 26.0283, 54.9664

Protanopia

26.0971, 25.7458, 48.3937

Deuteranopia

26.3598, 25.7044, 56.3955



Tritanopia

18.4385, 25.8644, 40.0969

Trichromacy



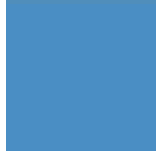
Original Color

20.8042, 26.0283, 54.9664



Protanomaly

21.9509, 24.6393, 50.6126



Deuteranomaly

22.4608, 24.7874, 55.8252



Tritanomaly

19.2277, 25.9171, 45.0634

Monochromacy



Original Color

20.8042, 26.0283, 54.9664



Achromatopsia

15.1092, 15.8961, 17.3108



Achromatomaly

14.8671, 18.1844, 27.9257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8042, 26.0283, 54.9664 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, 151, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 194)  
}
```

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, 151, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 194) }
```

Border

The CSS property to change the border of an element to XYZ 20.8042, 26.0283, 54.9664 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, 151, 194) }
```


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

```
.border{ border-color:rgb(0, 151, 194) }
```

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

Here you see how a box with a 4 pixel rgb(0, 151, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8042, 26.0283, 54.9664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 194) }
```

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

```
.background{ background-color: rgb(0, 151,  
194) }
```

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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