

Converting Colors

XYZ(20.6912, 26.7846, 51.0931)

Have a look what the booklet for
XYZ(20.6912, 26.7846, 51.0931)
contains.

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Color

**XYZ(20.6912, 26.7846,
51.0931)**

Conversions

Conversions Part 1

Format	Color
Hex	0D9ABB
RGB	13, 154, 187
RGB Percent	5%, 60%, 73%
CMY	0.9489, 0.3961, 0.2667
CMYK	0.93, 0.18, 0.00, 0.27
HSL	191°, 87%, 39%
HSV	191°, 93%, 73%
XYZ	20.6912, 26.7846, 51.0931
YIQ	115.6030, -94.6290, -19.6290

Conversions

Conversions Part 2

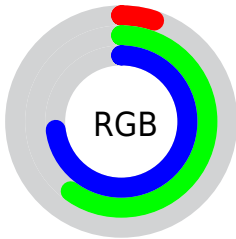
Format	Color
RYB	13, 91, 187
Decimal	891579
CIELab	58.77, -21.52, -26.50
CIELCh	59, 34.134, 230.914
Yxy	26.7846, 0.2099, 0.2717
Android (android.graphics.Color)	4279081659 (0xFF0D9ABB)
YUV	115.6030, 35.1987, -89.9828
Hunter-Lab	51.7538, -19.2049, -22.3054

Details

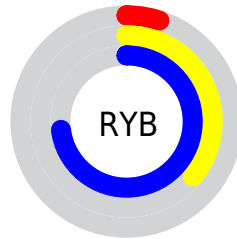
The XYZ color **20.6912, 26.7846, 51.0931** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **21.5448, 12.5504, 1.6688**, and the grayscale version is **16.3989, 17.2530, 18.7885**.

A 20% lighter version of the original color is **44.1237, 54.7246, 93.0314**, and **9.1533, 11.4217, 24.2764** is the 20% darker color. If you saturate the color by 10%, you get **20.1219, 25.8921, 50.9514**, and if you desaturate by 10%, it is **21.7072, 28.1908, 51.3115**.

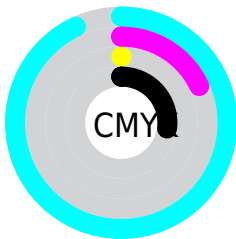
Distribution



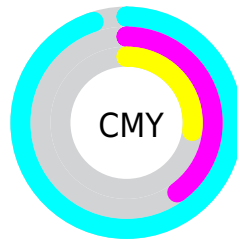
- Red (5%)
- Green (60%)
- Blue (73%)



- Red (5%)
- Yellow (36%)
- Blue (73%)



- Cyan (93%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)



- Cyan (95%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6912, 26.7846, 51.0931 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 20.6912, 26.7846, 51.0931 by changing the saturation by 10% instead.

■ 20.6912, 26.7846,
51.0931

■ 20.6912, 26.7846,
51.0931

■ 248.3957,
286.6127, 407.7823

■ 13.0096, 17.4115,
35.9055

■ 44.0682, 54.5380,
93.2053

■ 7.5122, 10.5283,
24.0721

■ 60.4943, 73.6872,
120.9669

■ 3.8336, 5.7506,
15.1744

■ 80.5661, 96.8638,
153.7570

■ 1.6084, 2.6941,
8.7939

■ 104.6487,
124.4522, 191.9940

■ 0.3979, 0.9742,
4.5120

■ 133.1076,
156.8370, 236.0964

■ 0.0000, 0.0000,
1.9102

■ 166.3082,

■ 0.0000, 0.0000,

194.4024, 286.4830

0.4992

204.6158,
237.5328, 343.5721

■ 0.0000, 0.0000,
0.0000

■ 20.6912, 26.7846,
51.0931

■ 20.6912, 26.7846,
51.0931

■ 20.1219, 25.8921,
50.9514

■ 21.7072, 28.1908,
51.3115

■ 23.0682, 29.8004,
51.5505

■ 24.8242, 31.6396,
51.8129

■ 27.0161, 33.7300,
52.1009

■ 29.6796, 36.0899,
52.4160

■ 32.8465, 38.7361,
52.7599

■ 36.5458, 41.6838,
53.1338

■ 40.8044, 44.9468,
53.5392

■ 45.6471, 48.5384,
53.9772

Harmonies

Analogous

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



18.6251, 26.7846, 38.2393



20.6912, 26.7846, 51.0931



24.2019, 26.7846, 58.5399

Triad

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



20.6912, 26.7846, 51.0931



34.3094, 26.7846, 32.9770



22.6784, 26.7846, 12.4356

Complementary

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



20.6912, 26.7846, 51.0931



21.5448, 12.5504, 1.6688

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.



26.7567, 26.7846, 11.7487



20.6912, 26.7846, 51.0931



33.7857, 26.7846, 21.6516

Square

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



20.6912, 26.7846, 51.0931



32.2666, 26.7846, 46.3428



30.9058, 26.7846, 14.6253



19.6816, 26.7846, 16.8611

Rectangle

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



20.6912, 26.7846, 51.0931



27.0204, 26.7846, 58.3359



30.9058, 26.7846, 14.6253



23.9570, 26.7846, 11.8189

Sweetspot

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



20.6921, 26.7855, 51.0938



61.7395, 71.7241, 94.7915



18.4092, 35.8157, 8.4180



12.9871, 15.3040, 20.8120



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



20.6921, 26.7855, 51.0938



35.8721, 46.0409, 91.1975



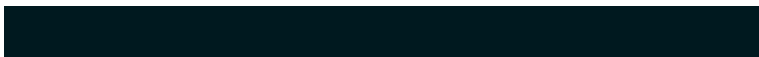
11.2107, 7.8227, 47.9333



9.6506, 10.4935, 12.1890



13.9139, 17.9394, 35.1222



0.5854, 0.7834, 1.3892

Inverse Universe

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



26.4710, 13.1867, 31.7228



46.7017, 22.9207, 54.3661



28.8057, 27.0723, 4.0891



9.8502, 9.6644, 11.6004



18.0238, 8.8407, 21.2169



0.7264, 0.3544, 0.9383

Previews

White Background



This preview shows how the XYZ color 20.6912, 26.7846, 51.0931 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 20.6912, 26.7846, 51.0931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

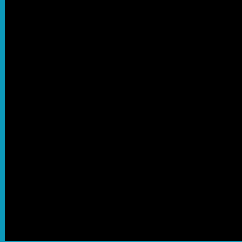
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.6912, 26.7846, 51.0931

Background



This preview shows how black text looks on a background with the XYZ color 20.6912, 26.7846, 51.0931.

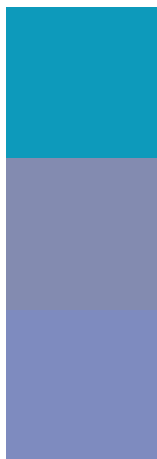


This preview shows how white text looks on a background with the XYZ color 20.6912, 26.7846,

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

20.6912, 26.7846, 51.0931

Protanopia

26.4292, 26.4251, 44.7819

Deuteranopia

27.2408, 26.6624, 53.0008



Tritanopia

19.0499, 26.6415, 41.6744

Trichromacy



Original Color

20.6912, 26.7846, 51.0931

Protanomaly

22.2360, 25.3165, 46.8946

Deuteranomaly

23.0138, 25.5955, 52.4427

Tritanomaly

19.6204, 26.6095, 45.1763

Monochromacy



Original Color

20.6912, 26.7846, 51.0931

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.0896, 19.5805, 28.5226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6912, 26.7846, 51.0931 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(13, 154, 187)` looks like.

```
.text, #text, p{  
    color:rgb(13, 154, 187)  
}
```

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(13, 154, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 154, 187) }
```

Border

The CSS property to change the border of an element to XYZ 20.6912, 26.7846, 51.0931 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(13, 154, 187) }
```


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

```
.border{ border-color:rgb(13, 154, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 154, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 154, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 154, 187);  
box-shadow:4px 4px 4px 4px rgb(13, 154,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6912, 26.7846, 51.0931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 154, 187) }
```

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

```
.background{ background-color: rgb(13, 154,  
187) }
```

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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