

Converting Colors

XYZ(20.0136, 26.2401, 48.8098)

Have a look what the booklet for
XYZ(20.0136, 26.2401, 48.8098)
contains.

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Color

**XYZ(20.0136, 26.2401,
48.8098)**

Conversions

Conversions Part 1

Format	Color
Hex	0699B7
RGB	6, 153, 183
RGB Percent	2%, 60%, 72%
CMY	0.9763, 0.4000, 0.2823
CMYK	0.97, 0.16, 0.00, 0.28
HSL	190°, 94%, 37%
HSV	190°, 97%, 72%
XYZ	20.0136, 26.2401, 48.8098
YIQ	112.4670, -97.2420, -21.8340

Conversions

Conversions Part 2

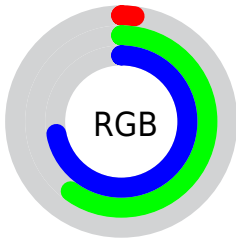
Format	Color
R _Y B	6, 86, 183
Decimal	432567
CIE Lab	58.26, -22.64, -25.02
CIE LCh	58, 33.747, 227.861
Yxy	26.2401, 0.2105, 0.2760
Android (android.graphics.Color)	4278622647 (0xFF0699B7)
YUV	112.4670, 34.7728, -93.3716
Hunter-Lab	51.2251, -19.9041, -20.6369

Details

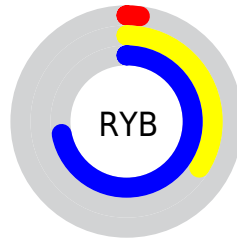
The XYZ color **20.0136, 26.2401, 48.8098** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **20.1937, 11.3445, 1.2987**, and the grayscale version is **15.4632, 16.2685, 17.7164**.

A 20% lighter version of the original color is **43.0656, 53.8851, 89.7924**, and **8.7806, 11.1144, 22.8016** is the 20% darker color. If you saturate the color by 10%, you get **19.7721, 25.8685, 48.7513**, and if you desaturate by 10%, it is **20.8381, 27.4292, 48.9964**.

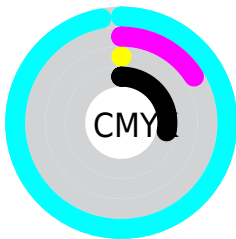
Distribution



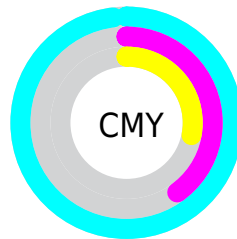
- Red (2%)
- Green (60%)
- Blue (72%)



- Red (2%)
- Yellow (34%)
- Blue (72%)



- Cyan (97%)
- Magenta (16%)
- Yellow (0%)
- Black (28%)



- Cyan (98%)
- Magenta (40%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0136, 26.2401, 48.8098 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 20.0136, 26.2401, 48.8098 by changing the saturation by 10% instead.

■ 20.0136, 26.2401,
48.8098

■ 20.0136, 26.2401,
48.8098

■ 244.8209,
283.9587, 398.5940

■ 12.5133, 17.0033,
34.1041

■ 42.9438, 53.6620,
89.7870

■ 7.1689, 10.2369,
22.6956

■ 59.1043, 72.6160,
116.8955

■ 3.6152, 5.5563,
14.1657

■ 78.8822, 95.5778,
148.9754

■ 1.4868, 2.5772,
8.0959

■ 102.6430,
122.9319, 186.4451

■ 0.3169, 0.9152,
4.0677

■ 130.7518,
155.0627, 229.7234

■ 0.0000, 0.0000,
1.6626

■ 163.5742,

■ 0.0000, 0.0000,

192.3544, 279.2285

0.3349

201.4754,
235.1917, 335.3792

■ 0.0000, 0.0000,
0.0000

■ 20.0136, 26.2401,
48.8098

■ 20.0136, 26.2401,
48.8098

■ 19.7721, 25.8685,
48.7513

■ 20.8381, 27.4292,
48.9964

■ 21.9621, 28.7921,
49.2002

■ 23.4427, 30.3586,
49.4245

■ 25.3209, 32.1501,
49.6713

■ 27.6321, 34.1851,
49.9423

■ 30.4076, 36.4797,
50.2389

■ 33.6758, 39.0487,
50.5625

■ 37.4628, 41.9058,
50.9144

■ 41.7928, 45.0635,
51.2957

Harmonies

Analogous

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



18.1607, 26.2401, 36.0751



20.0136, 26.2401, 48.8098



23.3182, 26.2401, 56.8364

Triad

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



20.0136, 26.2401, 48.8098



33.4743, 26.2401, 33.5896



22.5985, 26.2401, 12.0119

Complementary

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



20.0136, 26.2401, 48.8098



20.1937, 11.3445, 1.2987

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.



26.6362, 26.2401, 11.6873



20.0136, 26.2401, 48.8098



33.2269, 26.2401, 22.1872

Square

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



20.0136, 26.2401, 48.8098



31.2588, 26.2401, 46.5661



30.6159, 26.2401, 14.8800



19.5366, 26.2401, 15.9364

Rectangle

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



20.0136, 26.2401, 48.8098



26.0349, 26.2401, 57.3008



30.6159, 26.2401, 14.8800



23.8770, 26.2401, 11.5267

Sweetspot

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



20.0145, 26.2410, 48.8105



58.5950, 68.6060, 90.3897



17.3206, 34.0309, 7.2875



12.3910, 14.7201, 19.9098



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



20.0145, 26.2410, 48.8105



35.2625, 46.0323, 87.2623



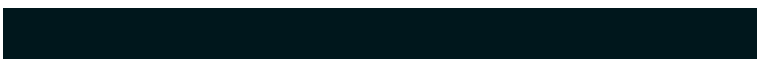
10.5146, 7.2413, 45.6438



9.1336, 9.9445, 11.5175



13.8369, 18.1334, 34.0239



0.5225, 0.7087, 1.2110

Inverse Universe

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



25.3441, 12.4984, 31.2145



45.0473, 22.0592, 54.6759



26.7710, 24.4992, 3.4912



9.3138, 9.1359, 10.9999



17.5979, 8.6129, 21.5670



0.6379, 0.3106, 0.8525

Previews

White Background



This preview shows how the XYZ color 20.0136, 26.2401, 48.8098 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 20.0136, 26.2401, 48.8098 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

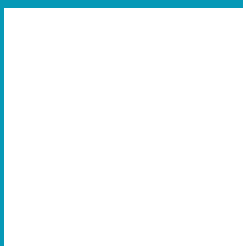
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.0136, 26.2401, 48.8098

Background



This preview shows how black text looks on a background with the XYZ color 20.0136, 26.2401, 48.8098.

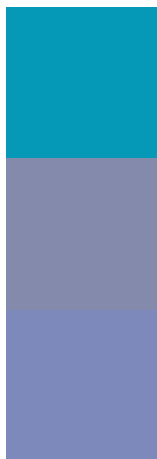


This preview shows how white text looks on a background with the XYZ color 20.0136, 26.2401,

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

20.0136, 26.2401, 48.8098

Protanopia

25.8949, 25.9808, 42.6797

Deuteranopia

26.5195, 25.9148, 50.6180



Tritanopia

18.6964, 26.2327, 40.6372

Trichromacy



Original Color

20.0136, 26.2401, 48.8098

Protanomaly

21.4967, 24.7579, 44.7201

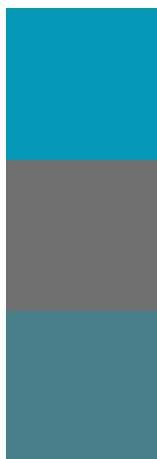
Deuteranomaly

22.1651, 24.9839, 50.1085

Tritanomaly

19.1235, 26.1412, 43.5730

Monochromacy



Original Color

20.0136, 26.2401, 48.8098

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.9245, 18.4302, 26.8155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0136, 26.2401, 48.8098 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(6, 153, 183)` looks like.

```
.text, #text, p{  
    color:rgb(6, 153, 183)  
}
```

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(6, 153, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 153, 183) }
```

Border

The CSS property to change the border of an element to XYZ 20.0136, 26.2401, 48.8098 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(6, 153, 183) }
```


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

```
.border{ border-color:rgb(6, 153, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 153, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 153, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 153, 183);  
box-shadow:4px 4px 4px 4px rgb(6, 153,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0136, 26.2401, 48.8098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 153, 183) }
```

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

```
.background{ background-color: rgb(6, 153,  
183) }
```

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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