

Converting Colors

XYZ(20.6855, 26.5002, 52.7400)

Have a look what the booklet for
XYZ(20.6855, 26.5002, 52.7400)
contains.

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Color

**XYZ(20.6855, 26.5002,
52.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	0099BE
RGB	0, 153, 190
RGB Percent	0%, 60%, 75%
CMY	0.9999, 0.4000, 0.2549
CMYK	1.00, 0.19, 0.00, 0.25
HSL	192°, 100%, 37%
HSV	192°, 100%, 75%
XYZ	20.6855, 26.5002, 52.7400
YIQ	111.4710, -103.0650, -20.9290

Conversions

Conversions Part 2

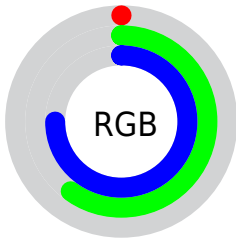
Format	Color
RYB	0, 85, 190
Decimal	39358
CIELab	58.51, -20.40, -28.61
CIELCh	59, 35.137, 234.500
Yxy	26.5002, 0.2070, 0.2652
Android (android.graphics.Color)	4278229438 (0xFF0099BE)
YUV	111.4710, 38.7148, -97.7601
Hunter-Lab	51.4783, -18.3606, -24.7083

Details

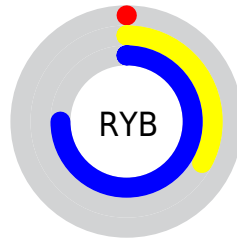
The XYZ color **20.6855, 26.5002, 52.7400** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **21.8984, 12.2728, 1.2158**, and the grayscale version is **15.1623, 15.9519, 17.3716**.

A 20% lighter version of the original color is **43.8771, 53.8209, 95.2647**, and **9.1953, 11.2803, 24.9852** is the 20% darker color. If you saturate the color by 10%, you get **20.6847, 26.4984, 52.7402**, and if you desaturate by 10%, it is **21.5704, 27.8700, 52.9583**.

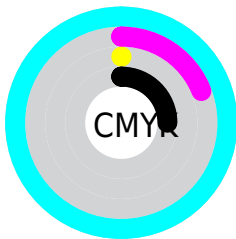
Distribution



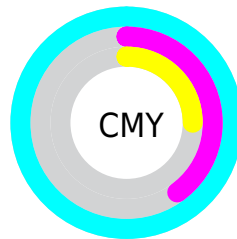
- Red (0%)
- Green (60%)
- Blue (75%)



- Red (0%)
- Yellow (33%)
- Blue (75%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6855, 26.5002, 52.7400 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 20.6855, 26.5002, 52.7400 by changing the saturation by 10% instead.

■ 20.6855, 26.5002,
52.7400

■ 20.6855, 26.5002,
52.7400

■ 248.3658,
285.2290, 414.3248

■ 13.0055, 17.1982,
37.2090

■ 44.0588, 54.0808,
95.6593

■ 7.5093, 10.3759,
25.0723

■ 60.4827, 73.1282,
123.8847

■ 3.8318, 5.6489,
15.9114

■ 80.5520, 96.1929,
157.1786

■ 1.6074, 2.6328,
9.3078

■ 104.6319,
123.6592, 195.9595

■ 0.3972, 0.9432,
4.8429

■ 133.0879,
155.9116, 240.6461

■ 0.0000, 0.0000,
2.0983

■ 166.2853,

■ 0.0000, 0.0000,

193.3344, 291.6568

0.6147

204.5895,
236.3121, 349.4102

■ 0.0000, 0.0000,
0.0000

■ 20.6855, 26.5002,
52.7400

■ 20.6855, 26.5002,
52.7400

■ 20.6847, 26.4984,
52.7402

■ 21.5704, 27.8700,
52.9583

■ 22.7359, 29.4122,
53.1945

■ 24.2780, 31.1769,
53.4539

■ 26.2445, 33.1890,
53.7386

■ 28.6762, 35.4698,
54.0507

■ 31.6089, 38.0379,
54.3918

■ 35.0747, 40.9102,
54.7635

■ 39.1031, 44.1020,
55.1673

■ 43.7213, 47.6277,
55.6044

Harmonies

Analogous

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



18.3890, 26.5002, 39.8283



20.6855, 26.5002, 52.7400



24.4036, 26.5002, 59.4200

Triad

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



20.6855, 26.5002, 52.7400



34.3453, 26.5002, 31.1835



21.9125, 26.5002, 12.2271

Complementary

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



20.6855, 26.5002, 52.7400



21.8984, 12.2728, 1.2158

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.



25.9883, 26.5002, 11.1210



20.6855, 26.5002, 52.7400



33.4841, 26.5002, 20.1074

Square

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



20.6855, 26.5002, 52.7400



32.5352, 26.5002, 44.9024



30.2998, 26.5002, 13.5525



19.0390, 26.5002, 17.1735

Rectangle

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



20.6855, 26.5002, 52.7400



27.3148, 26.5002, 58.3818



30.2998, 26.5002, 13.5525



23.1739, 26.5002, 11.4662

Sweetspot

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



20.6864, 26.5011, 52.7407



63.2180, 73.8574, 99.2031



18.7155, 36.9481, 7.7249



13.2712, 15.7178, 21.7197



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.



20.6864, 26.5011, 52.7407



37.3060, 47.6639, 95.5130



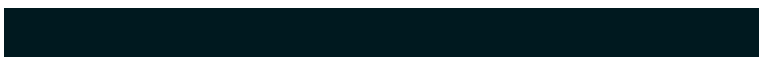
10.9208, 6.9700, 49.4855



9.6464, 10.4851, 12.1876



13.8093, 17.7302, 35.0874



0.5821, 0.7768, 1.3881

Inverse Universe

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



26.9858, 13.2481, 31.2727



48.8103, 23.9695, 56.1927



29.1978, 26.8717, 3.6490



9.8481, 9.6636, 11.5892



17.9710, 8.8196, 20.9389



0.7247, 0.3538, 0.9296

Previews

White Background



This preview shows how the XYZ color 20.6855, 26.5002, 52.7400 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 20.6855, 26.5002, 52.7400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

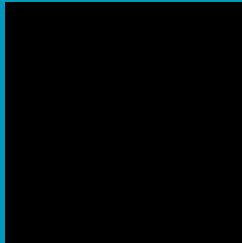
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.6855, 26.5002, 52.7400

Background



This preview shows how black text looks on a background with the XYZ color 20.6855, 26.5002, 52.7400.

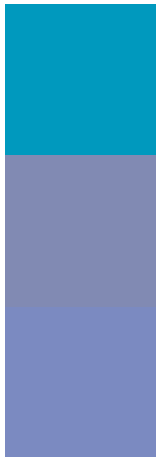


This preview shows how white text looks on a background with the XYZ color 20.6855, 26.5002,

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

20.6855, 26.5002, 52.7400

Protanopia

26.2784, 26.0988, 46.3004

Deuteranopia

26.8825, 26.2382, 54.0997



Tritanopia

18.9564, 26.6041, 41.1818

Trichromacy



Original Color

20.6855, 26.5002, 52.7400

Protanomaly

21.8494, 24.8577, 48.4462

Deuteranomaly

22.4788, 25.0704, 53.5235

Tritanomaly

19.5578, 26.5773, 45.1734

Monochromacy



Original Color

20.6855, 26.5002, 52.7400

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.7930, 18.1548, 27.5355

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6855, 26.5002, 52.7400 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, 153, 190)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 190)  
}
```

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, 153, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 190) }
```

Border

The CSS property to change the border of an element to XYZ 20.6855, 26.5002, 52.7400 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, 153, 190) }
```


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

```
.border{ border-color:rgb(0, 153, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 190);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6855, 26.5002, 52.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 190) }
```

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

```
.background{ background-color: rgb(0, 153,  
190) }
```

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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