

Converting Colors

XYZ(20.6555, 25.7441, 59.1767)

Have a look what the booklet for
XYZ(20.6555, 25.7441, 59.1767)
contains.

XYZ(21.6092, 26.3503, 59.2055)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.6092, 26.3503,
59.2055)**

Conversions

Conversions Part 1

Format	Color
Hex	0097C9
RGB	0, 151, 201
RGB Percent	0%, 59%, 79%
CMY	0.9998, 0.4078, 0.2118
CMYK	1.00, 0.25, 0.00, 0.21
HSL	195°, 100%, 39%
HSV	195°, 100%, 79%
XYZ	21.6092, 26.3503, 59.2055
YIQ	111.5510, -106.0460, -16.4620

Conversions

Conversions Part 2

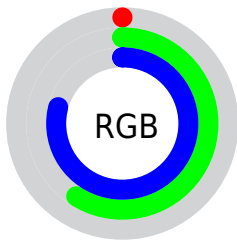
Format	Color
R_{YB}	0, 86, 201
Decimal	38857
CIE _{Lab}	58.37, -15.39, -35.02
CIE _{LCh}	58, 38.251, 246.283
Yxy	26.3503, 0.2016, 0.2459
Android (android.graphics.Color)	4278228937 (0xFF0097C9)
YUV	111.5510, 44.0984, -97.8302
Hunter-Lab	51.3325, -14.6897, -32.4506

Details

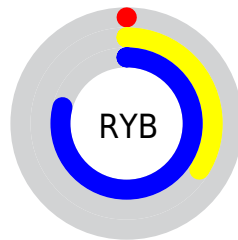
The XYZ color **21.6092, 26.3503, 59.2055** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **25.2301, 14.7023, 1.5092**, and the grayscale version is **15.1712, 15.9613, 17.3818**.

A 20% lighter version of the original color is **45.0269, 53.5353, 102.5679**, and **9.8236, 11.2209, 29.2519** is the 20% darker color. If you saturate the color by 10%, you get **21.6080, 26.3477, 59.2056**, and if you desaturate by 10%, it is **22.7230, 28.1452, 59.4938**.

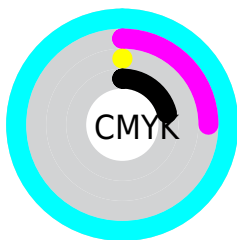
Distribution



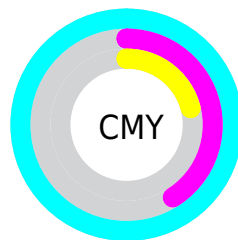
- Red (0%)
- Green (59%)
- Blue (79%)



- Red (0%)
- Yellow (34%)
- Blue (79%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (41%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6092, 26.3503, 59.2055 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 21.6092, 26.3503, 59.2055 by changing the saturation by 10% instead.

■ 21.6092, 26.3503,
59.2055

■ 21.6092, 26.3503,
59.2055

253.1695,
284.4975, 439.3861

■ 13.6850, 17.0859,
42.3575

■ 45.5829, 53.8395,
105.2083

■ 7.9822, 10.2957,
29.0536

■ 62.3632, 72.8331,
135.2002

■ 4.1352, 5.5955,
18.8755

■ 82.8261, 95.8386,
170.4105

■ 1.7789, 2.6007,
11.4044

■ 107.3372,
123.2403, 211.2576

■ 0.5049, 0.9270,
6.2220

■ 136.2617,
155.4226, 258.1602

■ 0.0000, 0.0000,
2.9096

169.9650,

■ 0.0000, 0.0000,

192.7700, 311.5368

1.0486

208.8125,
235.6668, 371.8059

■ 0.0000, 0.0000,
0.0000

■ 21.6092, 26.3503,
59.2055

■ 21.6092, 26.3503,
59.2055

■ 21.6080, 26.3477,
59.2056

■ 22.7230, 28.1452,
59.4938

■ 24.1727, 30.1641,
59.8071

■ 26.0639, 32.4625,
60.1510

■ 28.4523, 35.0697,
60.5284

■ 31.3849, 38.0106,
60.9415

■ 34.9030, 41.3069,
61.3923

■ 39.0439, 44.9784,
61.8827

■ 43.8415, 49.0432,
62.4145

■ 49.3272, 53.5181,
62.9891

Harmonies

Analogous

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



18.4906, 26.3503, 46.7267



21.6092, 26.3503, 59.2055



26.0392, 26.3503, 62.5311

Triad

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



21.6092, 26.3503, 59.2055



35.0561, 26.3503, 25.9717



20.1053, 26.3503, 12.5708

Complementary

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



21.6092, 26.3503, 59.2055



25.2301, 14.7023, 1.5092

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.



24.0767, 26.3503, 9.9880



21.6092, 26.3503, 59.2055



32.9902, 26.3503, 16.0204

Square

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



21.6092, 26.3503, 59.2055



34.1833, 26.3503, 40.3080



28.8273, 26.3503, 11.0184



17.7007, 26.3503, 19.5526

Rectangle

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



21.6092, 26.3503, 59.2055



29.2288, 26.3503, 58.4215



28.8273, 26.3503, 11.0184



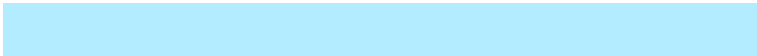
21.2811, 26.3503, 11.2771

Sweetspot

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



21.6101, 26.3512, 59.2062



66.5109, 76.7160, 105.9099



21.3990, 41.9786, 9.6569



13.5631, 15.8306, 22.5907



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.



21.6101, 26.3512, 59.2062



36.8023, 44.7246, 101.3008



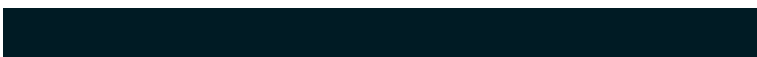
11.8452, 6.8214, 55.9512



10.7146, 11.6033, 13.5924



13.6617, 16.7174, 37.2511



0.7016, 0.9011, 1.7821

Inverse Universe

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



29.6741, 14.6529, 30.5433



50.7053, 25.0461, 51.7736



34.5857, 33.4133, 4.6277



10.9660, 10.7698, 12.8041



18.6951, 9.2276, 19.4023



0.9129, 0.4480, 1.0643

Previews

White Background



This preview shows how the XYZ color 21.6092, 26.3503, 59.2055 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 21.6092, 26.3503, 59.2055 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

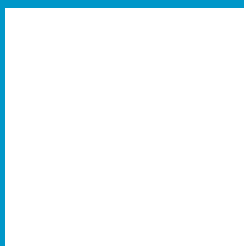
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.6092, 26.3503, 59.2055

Background



This preview shows how black text looks on a background with the XYZ color 21.6092, 26.3503, 59.2055.

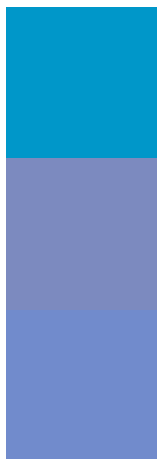


This preview shows how white text looks on a background with the XYZ color 21.6092, 26.3503,

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

21.6092, 26.3503, 59.2055

Protanopia

26.8046, 26.2236, 52.9391

Deuteranopia

26.9418, 26.3356, 60.7900



Tritanopia

18.6964, 26.2327, 40.6372

Trichromacy



Original Color

21.6092, 26.3503, 59.2055



Protanomaly

22.8972, 25.2473, 55.2962



Deuteranomaly

23.2744, 25.3344, 60.1633



Tritanomaly

19.6923, 26.3659, 46.6991

Monochromacy



Original Color

21.6092, 26.3503, 59.2055



Achromatopsia

15.4009, 16.2029, 17.6450



Achromatomaly

15.0934, 18.2749, 29.1175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6092, 26.3503, 59.2055 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 201) }
```

Border

The CSS property to change the border of an element to XYZ 21.6092, 26.3503, 59.2055 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, 201) }
```


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

```
.border{ border-color:rgb(0, 151, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6092, 26.3503, 59.2055 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, 201) }
```

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

```
.background{ background-color: rgb(0, 151,  
201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor