

Converting Colors

XYZ(21.1699, 25.3867, 59.3206)

Have a look what the booklet for
XYZ(21.1699, 25.3867, 59.3206)
contains.

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Color

**XYZ(21.1325, 25.3969,
59.0466)**

Conversions

Conversions Part 1

Format	Color
Hex	0094C9
RGB	0, 148, 201
RGB Percent	0%, 58%, 79%
CMY	0.9998, 0.4196, 0.2118
CMYK	1.00, 0.26, 0.00, 0.21
HSL	196°, 100%, 39%
HSV	196°, 100%, 79%
XYZ	21.1325, 25.3969, 59.0466
YIQ	109.7900, -105.2210, -14.8930

Conversions

Conversions Part 2

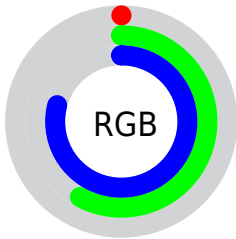
Format	Color
R _{YB}	0, 85, 201
Decimal	38089
CIE Lab	57.46, -13.73, -36.44
CIE LCh	57, 38.942, 249.351
Yxy	25.3969, 0.2002, 0.2406
Android (android.graphics.Color)	4278228169 (0xFF0094C9)
YUV	109.7900, 44.9665, -96.2858
Hunter-Lab	50.3953, -13.3406, -34.1915

Details

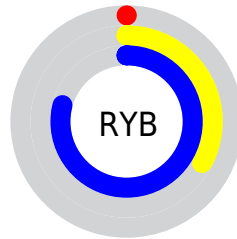
The XYZ color **21.1325, 25.3969, 59.0466** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **25.3627, 14.9675, 1.5534**, and the grayscale version is **14.6617, 15.4252, 16.7981**.

A 20% lighter version of the original color is **44.3161, 52.1137, 102.3310**, and **9.5412, 10.6560, 29.1577** is the 20% darker color. If you saturate the color by 10%, you get **21.1312, 25.3941, 59.0467**, and if you desaturate by 10%, it is **22.2749, 27.2490, 59.3444**.

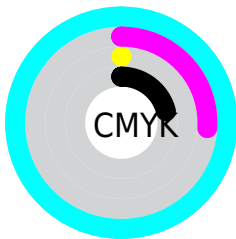
Distribution



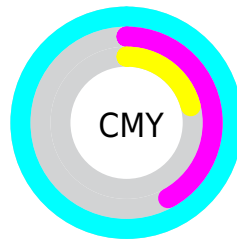
- Red (0%)
- Green (58%)
- Blue (79%)



- Red (0%)
- Yellow (33%)
- Blue (79%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1325, 25.3969, 59.0466 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 21.1325, 25.3969, 59.0466 by changing the saturation by 10% instead.

■ 21.1325, 25.3969,
59.0466

■ 21.1325, 25.3969,
59.0466

250.7002,
279.8088, 438.7813

■ 13.3339, 16.3730,
42.2304

■ 44.7976, 52.3004,
104.9752

■ 7.7375, 9.7885,
28.9548

■ 61.3947, 70.9488,
134.9246

■ 3.9778, 5.2589,
18.8013

■ 81.6555, 93.5741,
170.0889

■ 1.6896, 2.4000,
11.3515

■ 105.9452,
120.5608, 210.8865

■ 0.4497, 0.8259,
6.1866

■ 134.6291,
152.2932, 257.7360

■ 0.0000, 0.0000,
2.8883

168.0727,

■ 0.0000, 0.0000,

189.1557, 311.0559

1.0379

206.6413,
231.5328, 371.2648

■ 0.0000, 0.0000,
0.0000

■ 21.1325, 25.3969,
59.0466

■ 21.1325, 25.3969,
59.0466

■ 21.1312, 25.3941,
59.0467

■ 22.2749, 27.2490,
59.3444

■ 23.7573, 29.3333,
59.6686

■ 25.6853, 31.7052,
60.0248

■ 28.1146, 34.3944,
60.4158

■ 31.0924, 37.4256,
60.8440

■ 34.6601, 40.8210,
61.3113

■ 38.8549, 44.6005,
61.8197

■ 43.7110, 48.7823,
62.3709

■ 49.2597, 53.3831,
62.9666

Harmonies

Analogous

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



17.8862, 25.3969, 47.1836



21.1325, 25.3969, 59.0466



25.6152, 25.3969, 61.2281

Triad

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



21.1325, 25.3969, 59.0466



34.0364, 25.3969, 23.7122



18.9208, 25.3969, 12.2469

Complementary

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



21.1325, 25.3969, 59.0466



25.3627, 14.9675, 1.5534

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.



22.7207, 25.3969, 9.3483



21.1325, 25.3969, 59.0466



31.7017, 25.3969, 14.4280

Square

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



21.1325, 25.3969, 59.0466



33.4689, 25.3969, 37.6583



27.4179, 25.3969, 9.9934



16.7273, 25.3969, 19.5981

Rectangle

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



21.1325, 25.3969, 59.0466



28.7728, 25.3969, 56.3759



27.4179, 25.3969, 9.9934



20.0314, 25.3969, 10.8463

Sweetspot

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



21.1334, 25.3978, 59.0472



66.1832, 76.0606, 105.8007



21.4691, 42.0066, 10.0260



13.4843, 15.6731, 22.5645



0.0000, 0.0000, 0.0000



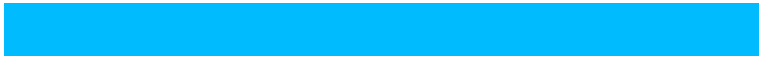
20.3446, 21.4041, 23.3091

Same Dimension

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



21.1334, 25.3978, 59.0472



35.9797, 43.0794, 101.0266



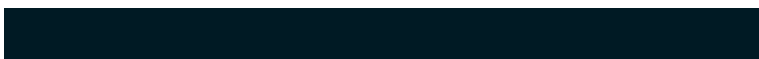
11.6959, 6.5226, 55.9014



10.7009, 11.5759, 13.5879



13.3645, 16.1229, 37.1520



0.6896, 0.8770, 1.7781

Inverse Universe

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



29.4335, 14.5567, 29.2762



50.2901, 24.8800, 49.5871



35.1160, 34.4740, 4.8045



10.9591, 10.7670, 12.7677



18.5451, 9.1676, 18.6122



0.9068, 0.4456, 1.0323

Previews

White Background



This preview shows how the XYZ color 21.1325, 25.3969, 59.0466 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 21.1325, 25.3969, 59.0466 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 21.1325, 25.3969, 59.0466

Background



This preview shows how black text looks on a background with the XYZ color 21.1325, 25.3969, 59.0466.

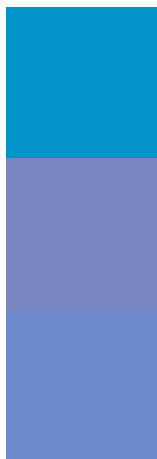


This preview shows how white text looks on a background with the XYZ color 21.1325, 25.3969,

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

21.1325, 25.3969, 59.0466

Protanopia

25.8137, 25.0826, 52.7711

Deuteranopia

26.0291, 25.4391, 60.6651



Tritanopia

18.0921, 25.4628, 39.0832

Trichromacy



Original Color

21.1325, 25.3969, 59.0466

Protanomaly

22.2089, 24.2328, 55.1366

Deuteranomaly

22.7586, 24.6268, 60.0538

Tritanomaly

19.0024, 25.3075, 45.4783

Monochromacy



Original Color

21.1325, 25.3969, 59.0466

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.6914, 17.7006, 28.6288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1325, 25.3969, 59.0466 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, 148, 201)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 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, 148, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 201) }
```

Border

The CSS property to change the border of an element to XYZ 21.1325, 25.3969, 59.0466 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, 148, 201) }
```


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

```
.border{ border-color:rgb(0, 148, 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, 148, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 201);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1325, 25.3969, 59.0466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 201) }
```

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

```
.background{ background-color: rgb(0, 148,  
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](#).

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