

Converting Colors

XYZ(21.6587, 25.8789, 60.9803)

Have a look what the booklet for
XYZ(21.6587, 25.8789, 60.9803)
contains.

XYZ(21.6465, 25.8545, 60.9763)	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(21.6465, 25.8545,
60.9763)**

Conversions

Conversions Part 1

Format	Color
Hex	0095CC
RGB	0, 149, 204
RGB Percent	0%, 58%, 80%
CMY	0.9998, 0.4157, 0.2000
CMYK	1.00, 0.27, 0.00, 0.20
HSL	196°, 100%, 40%
HSV	196°, 100%, 80%
XYZ	21.6465, 25.8545, 60.9763
YIQ	110.7190, -106.4590, -14.4830

Conversions

Conversions Part 2

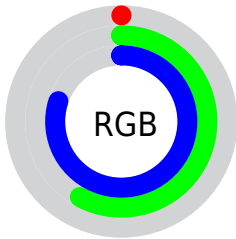
Format	Color
R_{YB}	0, 86, 204
Decimal	38348
CIE _{Lab}	57.90, -13.19, -37.44
CIE _{LCh}	58, 39.696, 250.598
Yxy	25.8545, 0.1995, 0.2383
Android (android.graphics.Color)	4278228428 (0xFF0095CC)
YUV	110.7190, 45.9875, -97.1006
Hunter-Lab	50.8473, -12.9926, -35.5077

Details

The XYZ color **21.6465, 25.8545, 60.9763** 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 **26.2706, 15.5741, 1.6227**, and the grayscale version is **14.9255, 15.7028, 17.1003**.

A 20% lighter version of the original color is **44.6615, 52.6412, 102.4146**, and **9.8727, 10.9374, 30.4449** is the 20% darker color. If you saturate the color by 10%, you get **21.6450, 25.8513, 60.9763**, and if you desaturate by 10%, it is **22.8356, 27.7906, 61.2879**.

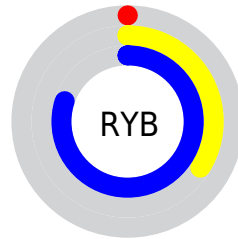
Distribution



Red (0%)

Green (58%)

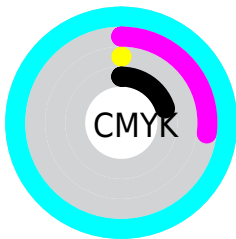
Blue (80%)



Red (0%)

Yellow (34%)

Blue (80%)

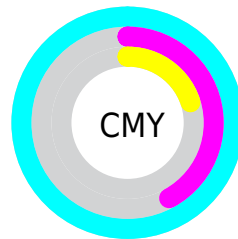


Cyan (100%)

Magenta (27%)

Yellow (0%)

Black (20%)



Cyan (100%)

Magenta (42%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6465, 25.8545, 60.9763 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 21.6465, 25.8545, 60.9763 by changing the saturation by 10% instead.

■ 21.6465, 25.8545,
60.9763

■ 21.6465, 25.8545,
60.9763

253.3618,
282.0671, 446.0913

■ 13.7125, 16.7148,
43.7756

■ 45.6443, 53.0401,
107.8018

■ 8.0014, 10.0314,
30.1582

■ 62.4388, 71.8549,
138.2637

■ 4.1476, 5.4198,
19.7057

■ 82.9175, 94.6634,
173.9831

■ 1.7860, 2.4956,
11.9993

■ 107.4458,
121.8502, 215.3785

■ 0.5092, 0.8744,
6.6207

■ 136.3890,
153.7995, 262.8685

■ 0.0000, 0.0000,
3.1512

170.1125,

■ 0.0000, 0.0000,

190.8959, 316.8716

1.1724

208.9817,
233.5236, 377.8063

■ 0.0000, 0.0000,
0.0000

■ 21.6465, 25.8545,
60.9763

■ 21.6465, 25.8545,
60.9763

■ 21.6450, 25.8513,
60.9763

■ 22.8356, 27.7906,
61.2879

■ 24.3789, 29.9708,
61.6274

■ 26.3851, 32.4523,
62.0006

■ 28.9120, 35.2657,
62.4105

■ 32.0087, 38.4370,
62.8594

■ 35.7179, 41.9890,
63.3495

■ 40.0785, 45.9426,
63.8828

■ 45.1258, 50.3166,
64.4610

■ 50.8925, 55.1286,
65.0859

Harmonies

Analogous

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



18.2372, 25.8545, 48.9796



21.6465, 25.8545, 60.9763



26.3026, 25.8545, 62.7433

Triad

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



21.6465, 25.8545, 60.9763



34.7560, 25.8545, 23.5840



19.0670, 25.8545, 12.5261

Complementary

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



21.6465, 25.8545, 60.9763



26.2706, 15.5741, 1.6227

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.



22.9227, 25.8545, 9.3998



21.6465, 25.8545, 60.9763



32.2308, 25.8545, 14.2656

Square

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



21.6465, 25.8545, 60.9763



34.2981, 25.8545, 37.8278



27.7541, 25.8545, 9.9120



16.8870, 25.8545, 20.2838

Rectangle

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



21.6465, 25.8545, 60.9763



29.5533, 25.8545, 57.4162



27.7541, 25.8545, 9.9120



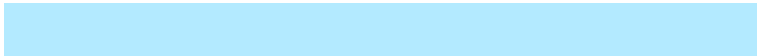
20.1878, 25.8545, 11.0336

Sweetspot

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



21.6474, 25.8554, 60.9770



66.0536, 75.8013, 105.7575



22.2697, 43.4569, 10.7578



13.4532, 15.6108, 22.5541



0.0000, 0.0000, 0.0000



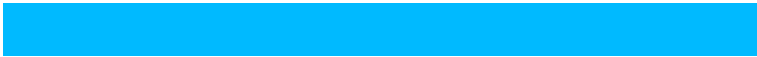
20.3446, 21.4041, 23.3091

Same Dimension

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



21.6474, 25.8554, 60.9770



35.6588, 42.4375, 100.9196



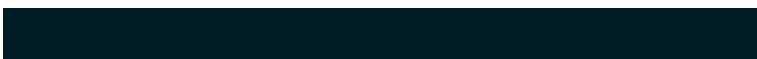
11.9418, 6.4440, 57.7417



11.2775, 12.1954, 14.3299



13.7039, 16.4318, 38.4057



0.7676, 0.9690, 2.0015

Inverse Universe

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



30.3275, 15.0084, 29.7329



50.1281, 24.8152, 48.7340



36.8599, 36.7527, 5.1525



11.5534, 11.3501, 13.4489



19.1280, 9.4618, 18.9246



1.0174, 0.5004, 1.1375

Previews

White Background



This preview shows how the XYZ color 21.6465, 25.8545, 60.9763 looks on a white background.

Color Contrast Check

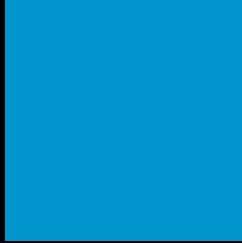
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6465, 25.8545, 60.9763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

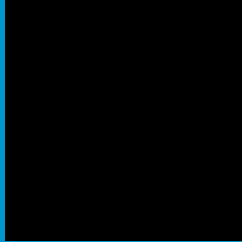
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.6465, 25.8545, 60.9763

Background



This preview shows how black text looks on a background with the XYZ color 21.6465, 25.8545, 60.9763.

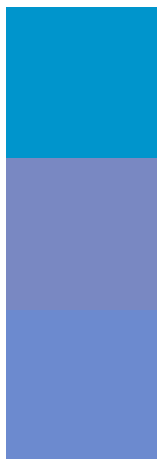


This preview shows how white text looks on a background with the XYZ color 21.6465, 25.8545,

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

21.6465, 25.8545, 60.9763

Protanopia

26.4269, 25.5683, 54.5813

Deuteranopia

26.5353, 25.8701, 62.6264



Tritanopia

18.3471, 25.8278, 39.6156

Trichromacy



Original Color

21.6465, 25.8545, 60.9763



Protanomaly

22.7785, 24.7048, 56.9940



Deuteranomaly

23.2678, 25.0674, 62.0047



Tritanomaly

19.3649, 25.7111, 46.5899

Monochromacy



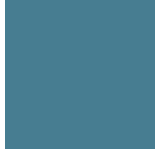
Original Color

21.6465, 25.8545, 60.9763



Achromatopsia

15.1092, 15.8961, 17.3108



Achromatomaly

15.0430, 18.0512, 29.4794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6465, 25.8545, 60.9763 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, 149, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 149, 204)  
}
```

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, 149, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 204) }
```

Border

The CSS property to change the border of an element to XYZ 21.6465, 25.8545, 60.9763 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, 149, 204) }
```


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

```
.border{ border-color:rgb(0, 149, 204) }
```

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

Here you see how a box with a 4 pixel rgb(0, 149, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 149, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 149,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6465, 25.8545, 60.9763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 149, 204) }
```

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

```
.background{ background-color: rgb(0, 149,  
204) }
```

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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