

Converting Colors

XYZ(21.6505, 21.8817, 65.3713)

Have a look what the booklet for
XYZ(21.6505, 21.8817, 65.3713)
contains.

| | |
|------------------------------------------------|----|
| XYZ(21.6309, 21.8268, 65.3603) | 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(21.6309, 21.8268,
65.3603)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3883D4 |
| RGB | 56, 131, 212 |
| RGB Percent | 22%, 51%, 83% |
| CMY | 0.7803, 0.4863, 0.1686 |
| CMYK | 0.74, 0.38, 0.00, 0.17 |
| HSL | 211°, 64%, 53% |
| HSV | 211°, 74%, 83% |
| XYZ | 21.6309, 21.8268, 65.3603 |
| YIQ | 117.8090, -70.7010, 9.2910 |

Conversions

Conversions Part 2

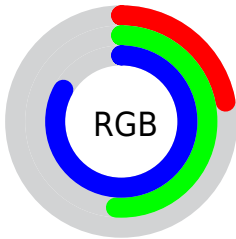
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 56, 107, 212 |
| Decimal | 3703764 |
| CIE Lab | 53.84, 4.22, -48.29 |
| CIE LCh | 54, 48.478, 274.996 |
| Yxy | 21.8268, 0.1988, 0.2006 |
| Android (android.graphics.Color) | 4281893844 (0xFF3883D4) |
| YUV | 117.8090, 46.4362, -54.2065 |
| Hunter-Lab | 46.7192, 0.8867, -50.2435 |

Details

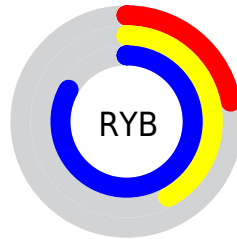
The XYZ color **21.6309, 21.8268, 65.3603** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **36.8131, 32.1775, 8.0136**, and the grayscale version is **17.0369, 17.9242, 19.5194**.

A 20% lighter version of the original color is **43.2165, 45.6386, 101.1391**, and **9.1031, 8.4689, 33.0532** is the 20% darker color. If you saturate the color by 10%, you get **19.2861, 18.5387, 64.8497**, and if you desaturate by 10%, it is **24.6359, 25.6890, 65.9479**.

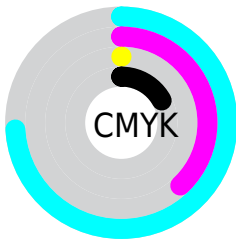
Distribution



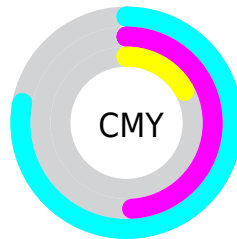
- Red (22%)
- Green (51%)
- Blue (83%)



- Red (22%)
- Yellow (42%)
- Blue (83%)



- Cyan (74%)
- Magenta (38%)
- Yellow (0%)
- Black (17%)



- Cyan (78%)
- Magenta (49%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6309, 21.8268, 65.3603 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 21.6309, 21.8268, 65.3603 by changing the saturation by 10% instead.

■ 21.6309, 21.8268,
65.3603

■ 21.6309, 21.8268,
65.3603

253.2814,
261.6404, 462.4272

■ 13.7010, 13.7297,
47.3001

■ 45.6186, 46.4596,
114.1859

■ 7.9933, 7.9329,
32.9169

■ 62.4071, 63.7640,
145.7884

■ 4.1424, 4.0520,
21.7922

■ 82.8793, 84.9064,
182.7421

■ 1.7830, 1.7027,
13.5074

■ 107.4004,
110.2710, 225.4655

■ 0.5074, 0.4254,
7.6441

■ 136.3358,
140.2423, 274.3772

■ 0.0000, 0.0000,
3.7836

170.0508,

■ 0.0000, 0.0000,

175.2048, 329.8957

1.5074

208.9109,
215.5427, 392.4395

■ 0.0000, 0.0000,
0.2234

■ 0.0000, 0.0000,
0.0000

■ 21.6309, 21.8268,
65.3603

■ 21.6309, 21.8268,
65.3603

■ 19.2861, 18.5387,
64.8497

■ 24.6359, 25.6890,
65.9479

■ 17.5258, 15.7777,
64.4095

■ 28.3596, 30.1616,
66.6149

■ 16.6269, 14.2397,
64.1601

■ 32.8561, 35.2794,
67.3658

■ 38.1732, 41.0734,
68.2039

■ 44.3547, 47.5724,
69.1325

■ 51.4409, 54.8031,
70.1547

■ 59.4696, 62.7906,
71.2733

■ 68.4761, 71.5588,
72.4910

■ 78.4940, 81.1305,
73.8105

Harmonies

Analogous

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



16.7914, 21.8268, 60.4238



21.6309, 21.8268, 65.3603



27.0410, 21.8268, 55.8856

Triad

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



21.6309, 21.8268, 65.3603



30.0865, 21.8268, 10.8122



12.9238, 21.8268, 13.5810

Complementary

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



21.6309, 21.8268, 65.3603



36.8131, 32.1775, 8.0136

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.



15.5122, 21.8268, 7.1545



21.6309, 21.8268, 65.3603



25.2767, 21.8268, 6.0894

Square

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



21.6309, 21.8268, 65.3603



32.4172, 21.8268, 21.3524



19.8850, 21.8268, 5.1064



12.2776, 21.8268, 26.3542

Rectangle

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



21.6309, 21.8268, 65.3603



30.0856, 21.8268, 44.3254



19.8850, 21.8268, 5.1064



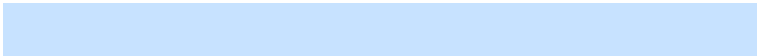
13.5716, 21.8268, 10.8104

Sweetspot

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



21.6318, 21.8275, 65.3609



68.7374, 73.6700, 105.2046



29.6624, 49.7233, 31.5533



14.1224, 15.1573, 22.4313



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.



21.6318, 21.8275, 65.3609



27.7601, 25.8191, 98.1282



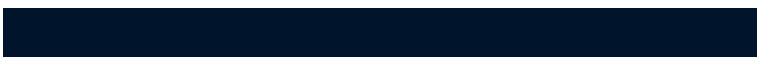
15.0793, 8.5010, 63.1340



12.2303, 12.9840, 15.7991



10.3637, 8.9893, 39.6420



0.7077, 0.7075, 2.4186

Inverse Universe

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



32.6632, 18.4654, 23.3157



46.3416, 24.0680, 26.4291



50.6659, 60.9869, 12.8442



12.6694, 12.5193, 14.1995



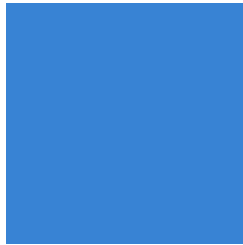
18.2900, 9.2523, 8.8311



1.1449, 0.5747, 0.7523

Previews

White Background



This preview shows how the XYZ color 21.6309, 21.8268, 65.3603 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 21.6309, 21.8268, 65.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

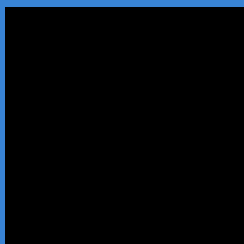
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

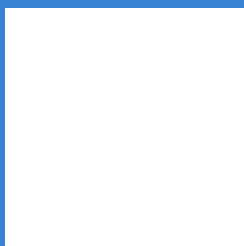
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.6309, 21.8268, 65.3603

Background



This preview shows how black text looks on a background with the XYZ color 21.6309, 21.8268, 65.3603.



This preview shows how white text looks on a background with the XYZ color 21.6309, 21.8268,

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

21.6309, 21.8268, 65.3603

Protanopia

23.4200, 21.6590, 61.9777

Deuteranopia

22.5330, 21.8823, 65.9869



Tritanopia

15.4228, 21.6459, 33.5022

Trichromacy



Original Color

21.6309, 21.8268, 65.3603

Protanomaly

22.4913, 21.5315, 63.2922

Deuteranomaly

22.2396, 21.9276, 66.0111

Tritanomaly

17.0170, 21.3817, 43.2746

Monochromacy



Original Color

21.6309, 21.8268, 65.3603

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.4698, 18.8658, 32.4265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6309, 21.8268, 65.3603 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(56, 131, 212)` looks like.

```
.text, #text, p{  
    color:rgb(56, 131, 212)  
}
```

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(56, 131, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 131, 212) }
```

Border

The CSS property to change the border of an element to XYZ 21.6309, 21.8268, 65.3603 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(56, 131, 212) }
```


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

```
.border{ border-color:rgb(56, 131, 212) }
```

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

Here you see how a box with a 4 pixel rgb(56, 131, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 131, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 131, 212);  
box-shadow:4px 4px 4px 4px rgb(56, 131,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6309, 21.8268, 65.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 131, 212) }
```

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

```
.background{ background-color: rgb(56, 131,  
212) }
```

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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