

Converting Colors

XYZ(23.1319, 25.5685, 66.6668)

Have a look what the booklet for
XYZ(23.1319, 25.5685, 66.6668)
contains.

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Color

**XYZ(23.1319, 25.5685,
66.6668)**

Conversions

Conversions Part 1

Format	Color
Hex	2B91D5
RGB	43, 145, 213
RGB Percent	17%, 57%, 84%
CMY	0.8313, 0.4314, 0.1647
CMYK	0.80, 0.32, 0.00, 0.16
HSL	204°, 67%, 50%
HSV	204°, 80%, 84%
XYZ	23.1319, 25.5685, 66.6668
YIQ	122.2540, -82.6200, -0.4760

Conversions

Conversions Part 2

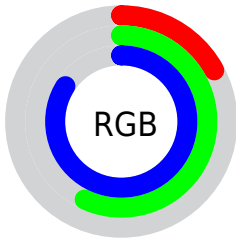
Format	Color
R_{YB}	43, 107, 213
Decimal	2855381
CIE _{Lab}	57.63, -5.18, -42.89
CIE _{LCh}	58, 43.201, 263.116
Yxy	25.5685, 0.2005, 0.2216
Android (android.graphics.Color)	4281045461 (0xFF2B91D5)
YUV	122.2540, 44.7378, -69.5058
Hunter-Lab	50.5653, -6.8316, -42.7740

Details

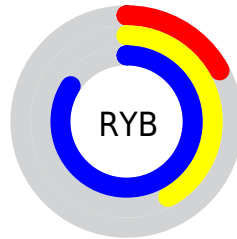
The XYZ color **23.1319, 25.5685, 66.6668** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **33.5631, 25.6927, 5.4771**, and the grayscale version is **18.4611, 19.4225, 21.1511**.

A 20% lighter version of the original color is **45.5437, 51.7117, 102.1887**, and **10.2638, 10.6530, 33.8630** is the 20% darker color. If you saturate the color by 10%, you get **21.2070, 22.7156, 66.2181**, and if you desaturate by 10%, it is **25.6221, 28.8585, 67.1711**.

Distribution



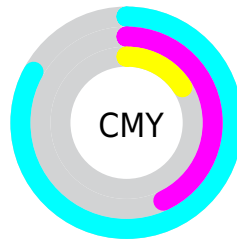
- Red (17%)
- Green (57%)
- Blue (84%)



- Red (17%)
- Yellow (42%)
- Blue (84%)



- Cyan (80%)
- Magenta (32%)
- Yellow (0%)
- Black (16%)



- Cyan (83%)
- Magenta (43%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1319, 25.5685, 66.6668 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 23.1319, 25.5685, 66.6668 by changing the saturation by 10% instead.

■ 23.1319, 25.5685,
66.6668

■ 23.1319, 25.5685,
66.6668

260.9244,
280.6574, 467.2270

■ 14.8122, 16.5011,
48.3540

■ 48.0749, 52.5780,
116.0789

■ 8.7731, 9.8794,
33.7453

■ 65.4288, 71.2889,
148.0154

■ 4.6494, 5.3191,
22.4222

■ 86.5249, 93.9831,
185.3301

■ 2.0757, 2.4357,
13.9662

■ 111.7284,
121.0450, 228.4417

■ 0.6759, 0.8442,
7.9587

■ 141.4048,
152.8590, 277.7686

■ 0.0000, 0.0000,
3.9811

175.9194,

■ 0.0000, 0.0000,

189.8095, 333.7294

1.6150

215.6375,
232.2808, 396.7427

■ 0.0000, 0.0000,
0.3015

■ 0.0000, 0.0000,
0.0000

■ 23.1319, 25.5685,
66.6668

■ 23.1319, 25.5685,
66.6668

■ 21.2070, 22.7156,
66.2181

■ 25.6221, 28.8585,
67.1711

■ 19.7295, 20.2348,
65.8172

■ 28.7406, 32.6201,
67.7328

■ 19.7027, 20.1889,
65.8097

■ 32.5441, 36.8859,
68.3557

■ 37.0818, 41.6840,
69.0427

■ 42.3979, 47.0401,
69.7963

■ 48.5329, 52.9778,
70.6191

■ 55.5245, 59.5192,
71.5132

■ 63.4078, 66.6849,
72.4808

■ 72.2157, 74.4945,
73.5240

Harmonies

Analogous

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



18.8188, 25.5685, 57.3250



23.1319, 25.5685, 66.6668



28.4105, 25.5685, 63.0173

Triad

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



23.1319, 25.5685, 66.6668



34.6205, 25.5685, 18.1051



17.1967, 25.5685, 14.0274

Complementary

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



23.1319, 25.5685, 66.6668



33.5631, 25.6927, 5.4771

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.



20.6102, 25.5685, 9.0268



23.1319, 25.5685, 66.6668



30.7588, 25.5685, 10.7320

Square

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



23.1319, 25.5685, 66.6668



35.5469, 25.5685, 31.3872



25.5111, 25.5685, 8.0815



15.7205, 25.5685, 24.5702

Rectangle

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



23.1319, 25.5685, 66.6668



31.7362, 25.5685, 54.1694



25.5111, 25.5685, 8.0815



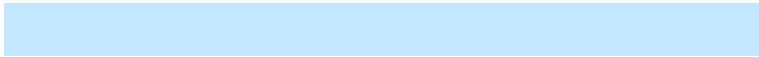
18.1303, 25.5685, 11.8190

Sweetspot

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



23.1329, 25.5693, 66.6675



68.6881, 75.5454, 105.5692



27.6611, 49.2507, 23.0900



14.0039, 15.4909, 22.5019



0.0000, 0.0000, 0.0000



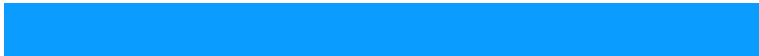
20.3446, 21.4041, 23.3091

Same Dimension

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



23.1329, 25.5693, 66.6675



30.2470, 31.4245, 99.0791



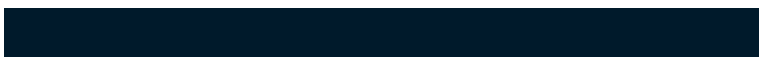
14.6238, 8.5512, 63.8311



12.3561, 13.2355, 15.8410



12.1376, 12.5369, 40.2333



0.8121, 0.9162, 2.4533

Inverse Universe

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



33.4162, 17.9195, 28.4863



47.4428, 23.9182, 34.0472



47.6175, 53.8016, 10.1620



12.7329, 12.5447, 14.5338



19.1853, 9.6105, 13.5460



1.1976, 0.5958, 1.0297

Previews

White Background



This preview shows how the XYZ color 23.1319, 25.5685, 66.6668 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 23.1319, 25.5685, 66.6668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

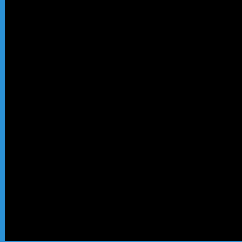
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

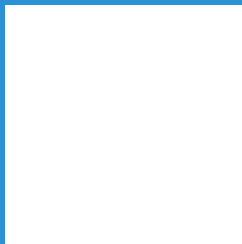
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1319, 25.5685, 66.6668

Background



This preview shows how black text looks on a background with the XYZ color 23.1319, 25.5685, 66.6668.



This preview shows how white text looks on a background with the XYZ color 23.1319, 25.5685,

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

23.1319, 25.5685, 66.6668

Protanopia

26.6228, 25.3131, 61.2404

Deuteranopia

26.1412, 25.3390, 67.8031



Tritanopia

18.1828, 25.4991, 39.5608

Trichromacy



Original Color

23.1319, 25.5685, 66.6668

Protanomaly

24.6423, 25.0940, 63.2193

Deuteranomaly

24.5763, 25.1890, 67.1850

Tritanomaly

19.5635, 25.3003, 48.1083

Monochromacy



Original Color

23.1319, 25.5685, 66.6668

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.4132, 20.6590, 34.0274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1319, 25.5685, 66.6668 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(43, 145, 213)` looks like.

```
.text, #text, p{  
    color:rgb(43, 145, 213)  
}
```

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(43, 145, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 145, 213) }
```

Border

The CSS property to change the border of an element to XYZ 23.1319, 25.5685, 66.6668 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(43, 145, 213) }
```


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

```
.border{ border-color:rgb(43, 145, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 145, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 145, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 145, 213);  
box-shadow:4px 4px 4px 4px rgb(43, 145,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1319, 25.5685, 66.6668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 145, 213) }
```

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

```
.background{ background-color: rgb(43, 145,  
213) }
```

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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