

Converting Colors

XYZ(23.1506, 31.0782, 54.6477)

Have a look what the booklet for
XYZ(23.1506, 31.0782, 54.6477)
contains.

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Color

**XYZ(23.1506, 31.0782,
54.6477)**

Conversions

Conversions Part 1

Format	Color
Hex	00A6C0
RGB	0, 166, 192
RGB Percent	0%, 65%, 75%
CMY	0.9999, 0.3490, 0.2471
CMYK	1.00, 0.14, 0.00, 0.25
HSL	188°, 100%, 38%
HSV	188°, 100%, 75%
XYZ	23.1506, 31.0782, 54.6477
YIQ	119.3300, -107.2820, -27.1060

Conversions

Conversions Part 2

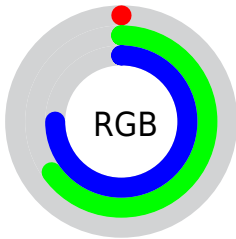
Format	Color
RYB	0, 89, 192
Decimal	42688
CIELab	62.57, -26.42, -23.47
CIELCh	63, 35.340, 221.611
Yxy	31.0782, 0.2126, 0.2854
Android (android.graphics.Color)	4278232768 (0xFF00A6C0)
YUV	119.3300, 35.8263, -104.6524
Hunter-Lab	55.7478, -23.4324, -19.0965

Details

The XYZ color **23.1506, 31.0782, 54.6477** is a dark color, and the websafe version is hex **339999**. The color can be described as dark washed azure. A complement of this color would be **22.1088, 11.9470, 1.1418**, and the grayscale version is **17.5572, 18.4715, 20.1155**.

A 20% lighter version of the original color is **47.9453, 61.1429, 98.0817**, and **10.6048, 13.8696, 26.1629** is the 20% darker color. If you saturate the color by 10%, you get **23.1503, 31.0773, 54.6482**, and if you desaturate by 10%, it is **23.9019, 32.1749, 54.8204**.

Distribution



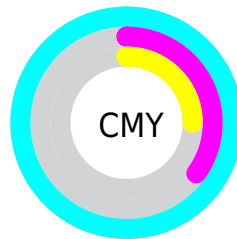
- Red (0%)
- Green (65%)
- Blue (75%)



- Red (0%)
- Yellow (35%)
- Blue (75%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1506, 31.0782, 54.6477 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 23.1506, 31.0782, 54.6477 by changing the saturation by 10% instead.

■ 23.1506, 31.0782,
54.6477

■ 23.1506, 31.0782,
54.6477

261.0185,
306.8984, 421.8193

■ 14.8261, 20.6584,
38.7230

■ 48.1053, 61.3632,
98.4906

■ 8.7829, 12.8745,
26.2382

■ 65.4662, 81.9971,
127.2458

■ 4.6558, 7.3422,
16.7745

■ 86.5700, 106.8046,
161.1151

■ 2.0794, 3.6770,
9.9136

■ 111.7819,
136.1700, 200.5168

■ 0.6780, 1.4946,
5.2369

■ 141.4673,
170.4777, 245.8695

■ 0.0000, 0.2849,
2.3257

175.9917,

■ 0.0000, 0.0000,

210.1120, 297.5918

0.7456

215.7203,
255.4575, 356.1023

■ 0.0000, 0.0000,
0.0000

■ 23.1506, 31.0782,
54.6477

■ 23.1506, 31.0782,
54.6477

■ 23.1503, 31.0773,
54.6482

■ 23.9019, 32.1749,
54.8204

■ 24.9313, 33.4288,
55.0082

■ 26.3365, 34.8907,
55.2163

■ 28.1665, 36.5860,
55.4471

■ 30.4631, 38.5364,
55.7025

■ 33.2629, 40.7608,
55.9843

■ 36.5988, 43.2762,
56.2940

■ 40.5009, 46.0983,
56.6330

■ 44.9970, 49.2413,
57.0027

Harmonies

Analogous

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



21.3754, 31.0782, 39.4537



23.1506, 31.0782, 54.6477



26.7168, 31.0782, 65.7035

Triad

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



23.1506, 31.0782, 54.6477



39.2112, 31.0782, 42.8996



27.7166, 31.0782, 13.9623

Complementary

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



23.1506, 31.0782, 54.6477



22.1088, 11.9470, 1.1418

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.



32.5531, 31.0782, 14.4162



23.1506, 31.0782, 54.6477



39.5540, 31.0782, 28.7837

Square

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



23.1506, 31.0782, 54.6477



36.1149, 31.0782, 57.7521



37.0060, 31.0782, 19.1232



23.8139, 31.0782, 17.6495

Rectangle

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



23.1506, 31.0782, 54.6477



29.7996, 31.0782, 67.8140



37.0060, 31.0782, 19.1232



29.2797, 31.0782, 13.6698

Sweetspot

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



23.1516, 31.0793, 54.6485



65.9886, 78.1727, 101.9712



19.0327, 37.7729, 7.2436



13.5840, 16.3433, 21.8239



92.9021, 97.7402, 106.4391



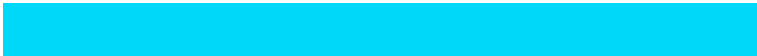
19.4759, 20.4902, 22.3138

Same Dimension

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



23.1516, 31.0793, 54.6485



41.8096, 56.0357, 98.9727



11.7317, 8.2395, 50.8418



10.2485, 11.1883, 12.9042



15.6192, 20.9950, 36.7858



0.7077, 0.9728, 1.6004

Inverse Universe

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



28.6220, 13.9606, 37.2636



51.7903, 25.2662, 67.1502



28.6509, 25.0311, 3.3224



10.4367, 10.2233, 12.3903



19.2798, 9.4017, 25.1834



0.8496, 0.4129, 1.1754

Previews

White Background



This preview shows how the XYZ color 23.1506, 31.0782, 54.6477 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 23.1506, 31.0782, 54.6477 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 ✓ Pass

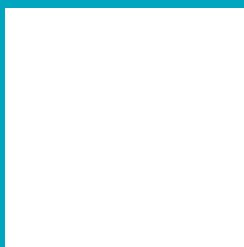
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1506, 31.0782, 54.6477

Background



This preview shows how black text looks on a background with the XYZ color 23.1506, 31.0782, 54.6477.



This preview shows how white text looks on a background with the XYZ color 23.1506, 31.0782,

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

23.1506, 31.0782, 54.6477

Protanopia

30.4873, 30.7195, 47.5026

Deuteranopia

31.3689, 30.7408, 56.5048



Tritanopia

22.1592, 30.9736, 48.5267

Trichromacy



Original Color

23.1506, 31.0782, 54.6477



Protanomaly

24.7867, 29.1787, 49.6731



Deuteranomaly

25.6915, 29.5067, 55.9710



Tritanomaly

22.5757, 31.1402, 50.7197

Monochromacy



Original Color

23.1506, 31.0782, 54.6477



Achromatopsia

17.5343, 18.4475, 20.0893



Achromatomaly

16.9730, 21.2201, 30.3955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1506, 31.0782, 54.6477 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, 166, 192)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 192)  
}
```

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, 166, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 192) }
```

Border

The CSS property to change the border of an element to XYZ 23.1506, 31.0782, 54.6477 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, 166, 192) }
```


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

```
.border{ border-color:rgb(0, 166, 192) }
```

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

Here you see how a box with a 4 pixel rgb(0, 166, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 166, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 166, 192);  
box-shadow:4px 4px 4px 4px rgb(0, 166,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1506, 31.0782, 54.6477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 166, 192) }
```

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

```
.background{ background-color: rgb(0, 166,  
192) }
```

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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