

Converting Colors

XYZ(26.6321, 23.8931, 97.8159)

Have a look what the booklet for
XYZ(26.6321, 23.8931, 97.8159)
contains.

XYZ(26.6321, 23.8931, 97.8159)	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(26.6321, 23.8931,
97.8159)**

Conversions

Conversions Part 1

Format	Color
Hex	1684FF
RGB	22, 132, 255
RGB Percent	9%, 52%, 100%
CMY	0.9136, 0.4824, 0.0000
CMYK	0.91, 0.48, 0.00, 0.00
HSL	212°, 100%, 54%
HSV	212°, 91%, 100%
XYZ	26.6321, 23.8931, 97.8159
YIQ	113.1320, -105.0430, 14.9330

Conversions

Conversions Part 2

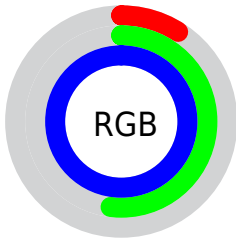
Format	Color
R _Y B	22, 97, 255
Decimal	1475839
CIE Lab	55.98, 16.92, -68.88
CIE LCh	56, 70.924, 283.804
Yxy	23.8931, 0.1795, 0.1611
Android (android.graphics.Color)	4279665919 (0xFF1684FF)
YUV	113.1320, 69.9409, -79.9228
Hunter-Lab	48.8806, 11.7130, -84.4300

Details

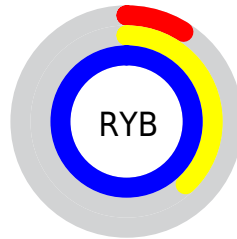
The XYZ color **26.6321, 23.8931, 97.8159** is a dark color, and the websafe version is hex **0066CC**. The color can be described as middle washed azure. A complement of this color would be **51.5168, 41.5812, 6.0719**, and the grayscale version is **15.5605, 16.3709, 17.8279**.

A 20% lighter version of the original color is **42.3929, 45.2140, 101.1006**, and **13.2484, 10.3719, 54.1270** is the 20% darker color. If you saturate the color by 10%, you get **24.8102, 20.7405, 97.3034**, and if you desaturate by 10%, it is **29.4439, 28.2302, 98.5049**.

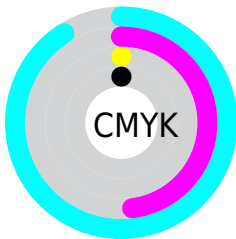
Distribution



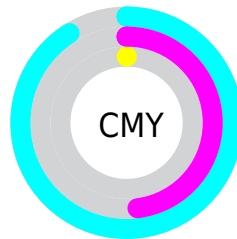
- Red (9%)
- Green (52%)
- Blue (100%)



- Red (9%)
- Yellow (38%)
- Blue (100%)



- Cyan (91%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)



- Cyan (91%)
- Magenta (48%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6321, 23.8931, 97.8159 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 26.6321, 23.8931, 97.8159 by changing the saturation by 10% instead.

■ 26.6321, 23.8931,
97.8159

■ 26.6321, 23.8931,
97.8159

278.0715,
272.2796, 574.3540

■ 17.4323, 15.2543,
73.8711

■ 53.7170, 49.8557,
160.1781

■ 10.6404, 8.9981,
54.1924

■ 72.3328, 67.9483,
199.4325

■ 5.8911, 4.7399,
38.3613

■ 94.8179, 89.9610,
244.6272

■ 2.8190, 2.0955,
25.9592

■ 121.5378,
116.2782, 296.1808

■ 1.0588, 0.6621,
16.5676

■ 152.8577,
147.2843, 354.5117

■ 0.0000, 0.0000,
9.7680

189.1431,

■ 0.0000, 0.0000,

183.3636, 420.0385

5.1418

230.7592,
224.9006, 493.1798

■ 0.0000, 0.0000,
2.2705

■ 0.0000, 0.0000,
0.7146

■ 26.6321, 23.8931,
97.8159

■ 26.6321, 23.8931,
97.8159

■ 24.8102, 20.7405,
97.3034

■ 29.4439, 28.2302,
98.5049

■ 33.1865, 33.4095,
99.3073

■ 37.9727, 39.5012,
100.2309

■ 43.8965, 46.5650,
101.2821

■ 51.0402, 54.6543,
102.4670

■ 59.4779, 63.8179,
103.7910

■ 69.2775, 74.1007,
105.2593

■ 80.5016, 85.5449,
106.8767

■ 93.2089, 98.1900,
108.6477

Harmonies

Analogous

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



18.6369, 23.8931, 96.6555



26.6321, 23.8931, 97.8159



35.2857, 23.8931, 73.3079

Triad

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



26.6321, 23.8931, 97.8159



35.9059, 23.8931, 5.7444



10.7967, 23.8931, 15.4526

Complementary

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



26.6321, 23.8931, 97.8159



51.5168, 41.5812, 6.0719

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.



13.5452, 23.8931, 5.2768



26.6321, 23.8931, 97.8159



27.3364, 23.8931, 2.3895

Square

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



26.6321, 23.8931, 97.8159



41.4398, 23.8931, 16.7583



19.1926, 23.8931, 2.2928



10.6945, 23.8931, 38.1752

Rectangle

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



26.6321, 23.8931, 97.8159



39.7465, 23.8931, 51.0898



19.1926, 23.8931, 2.2928



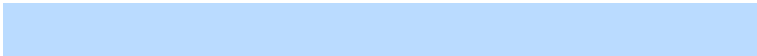
11.4057, 23.8931, 10.8756

Sweetspot

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



26.6331, 23.8937, 97.8160



63.5760, 68.1575, 104.4126



41.0046, 73.6562, 37.8060



12.9157, 13.8566, 22.2438



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.



26.6331, 23.8937, 97.8160



24.8102, 20.7405, 97.3034



18.7617, 8.0140, 95.1657



17.7101, 18.7917, 22.9437



13.1107, 11.1310, 50.8921



1.3849, 1.3005, 4.9913

Inverse Universe

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



45.6926, 23.5013, 23.9579



44.6523, 22.6249, 19.8987



75.7312, 92.1091, 14.5485



18.3663, 18.1298, 20.5461



23.4059, 11.8516, 10.7877



2.3336, 1.1758, 1.3383

Previews

White Background



This preview shows how the XYZ color 26.6321, 23.8931, 97.8159 looks on a white background.

Color Contrast Check

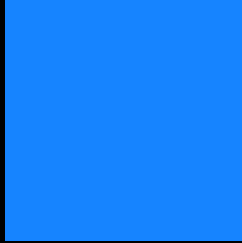
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6321, 23.8931, 97.8159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

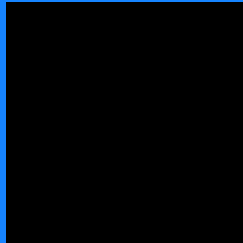
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

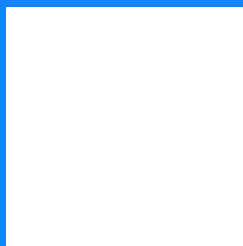
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6321, 23.8931, 97.8159

Background



This preview shows how black text looks on a background with the XYZ color 26.6321, 23.8931, 97.8159.



This preview shows how white text looks on a background with the XYZ color 26.6321, 23.8931,

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

26.6321, 23.8931, 97.8159

Protanopia

27.6677, 23.8870, 95.2479

Deuteranopia

24.2368, 23.7814, 84.2018



Tritanopia

16.7615, 23.6484, 36.0289

Trichromacy



Original Color

26.6321, 23.8931, 97.8159

Protanomaly

27.0276, 23.7352, 96.0854

Deuteranomaly

25.0932, 23.9112, 88.8807

Tritanomaly

19.3988, 23.2479, 53.9169

Monochromacy



Original Color

26.6321, 23.8931, 97.8159

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.8163, 17.8550, 38.1574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6321, 23.8931, 97.8159 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(22, 132, 255)` looks like.

```
.text, #text, p{  
    color:rgb(22, 132, 255)  
}
```

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(22, 132, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 132, 255) }
```

Border

The CSS property to change the border of an element to XYZ 26.6321, 23.8931, 97.8159 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(22, 132, 255) }
```


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

```
.border{ border-color:rgb(22, 132, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 132, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 132, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 132, 255);  
box-shadow:4px 4px 4px 4px rgb(22, 132,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6321, 23.8931, 97.8159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 132, 255) }
```

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

```
.background{ background-color: rgb(22, 132,  
255) }
```

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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