

Converting Colors

XYZ(44.8860, 44.8088,
100.8910)

Have a look what the booklet for
XYZ(44.8860, 44.8088, 100.8910)
contains.

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Color

**XYZ(44.7856, 44.6362,
100.8629)**

Conversions

Conversions Part 1

Format	Color
Hex	8CB2FF
RGB	140, 178, 255
RGB Percent	55%, 70%, 100%
CMY	0.4510, 0.3020, 0.0000
CMYK	0.45, 0.30, 0.00, 0.00
HSL	220°, 100%, 77%
HSV	220°, 45%, 100%
XYZ	44.7856, 44.6362, 100.8629
YIQ	175.4160, -47.3650, 15.8910

Conversions

Conversions Part 2

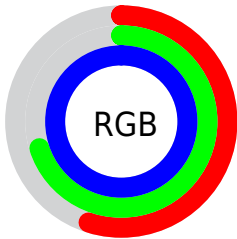
Format	Color
RYB	140, 169, 255
Decimal	9220863
CIELab	72.65, 6.96, -42.12
CIELCh	73, 42.687, 279.382
Yxy	44.6362, 0.2354, 0.2346
Android (android.graphics.Color)	4287410943 (0xFF8CB2FF)
YUV	175.4160, 39.2349, -31.0598
Hunter-Lab	66.8103, 2.7375, -42.7423

Details

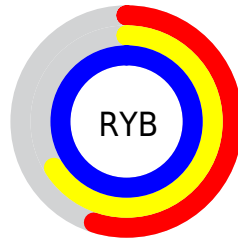
The XYZ color **44.7856, 44.6362, 100.8629** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **70.7875, 72.7806, 35.1301**, and the grayscale version is **40.7849, 42.9089, 46.7278**.

A 20% lighter version of the original color is **70.4776, 77.5036, 105.8529**, and **21.2212, 20.8379, 56.3297** is the 20% darker color. If you saturate the color by 10%, you get **37.7877, 36.2962, 99.6220**, and if you desaturate by 10%, it is **53.2047, 54.3383, 102.2919**.

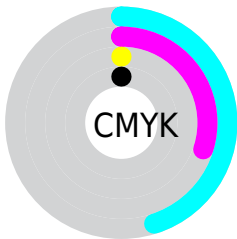
Distribution



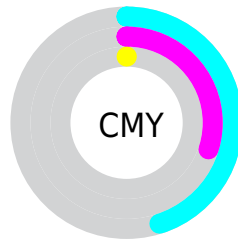
- Red (55%)
- Green (70%)
- Blue (100%)



- Red (55%)
- Yellow (66%)
- Blue (100%)



- Cyan (45%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.7856, 44.6362, 100.8629 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 44.7856, 44.6362, 100.8629 by changing the saturation by 10% instead.

■ 44.7856, 44.6362,
100.8629

■ 44.7856, 44.6362,
100.8629

356.7029,
365.2982, 584.2260

■ 31.4891, 31.1710,
76.4005

■ 81.6376, 82.1742,
164.4047

■ 21.1253, 20.7291,
56.2523

■ 105.9239,
107.0158, 204.3212

■ 13.3286, 12.9261,
39.9999

134.6042,
136.4183, 250.2261

■ 7.7337, 7.3777,
27.2247

168.0438,
170.7661, 302.5379

■ 3.9754, 3.6994,
17.5081

206.6081,
210.4436, 361.6753

■ 1.6882, 1.5069,
10.4317

250.6625,

■ 0.4489, 0.2936,

255.8351, 428.0568

5.5768

300.5723,
307.3252, 502.1008

■ 0.0000, 0.0000,
2.5249

■ 0.0000, 0.0000,
0.8533

■ 44.7856, 44.6362,
100.8629

■ 44.7856, 44.6362,
100.8629

■ 37.7877, 36.2962,
99.6220

■ 53.2047, 54.3383,
102.2919

■ 32.1216, 29.2466,
98.5599

■ 63.1184, 65.4595,
103.9160

■ 27.6934, 23.4156,
97.6678

■ 74.6000, 78.0592,
105.7428

■ 24.3938, 18.7208,
96.9355

■ 87.7166, 92.1918,
107.7794

■ 22.0909, 15.0662, 95.0500, 100.0000,
96.3515 108.9000

■ 21.2405, 13.6009,
96.1135

Harmonies

Analogous

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



37.6130, 44.6362, 97.5427



44.7856, 44.6362, 100.8629



52.1011, 44.6362, 87.3577

Triad

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



44.7856, 44.6362, 100.8629



54.3913, 44.6362, 27.0728



30.4608, 44.6362, 35.6262

Complementary

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



44.7856, 44.6362, 100.8629



70.7875, 72.7806, 35.1301

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.



34.0285, 44.6362, 23.4327



44.7856, 44.6362, 100.8629



47.6316, 44.6362, 19.5837

Square

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



44.7856, 44.6362, 100.8629



58.0562, 44.6362, 42.2609



40.1496, 44.6362, 18.4794



29.8867, 44.6362, 55.5459

Rectangle

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



44.7856, 44.6362, 100.8629



55.8752, 44.6362, 72.4301



40.1496, 44.6362, 18.4794



31.3281, 44.6362, 30.6722

Sweetspot

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



44.7870, 44.6378, 100.8632



75.9566, 79.5324, 105.9557



59.0574, 82.0884, 78.1517



15.6902, 16.4062, 22.5897



0.0000, 0.0000, 0.0000



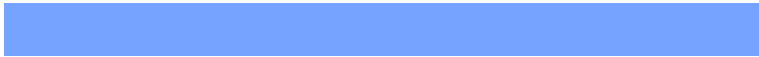
20.3446, 21.4041, 23.3091

Same Dimension

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



44.7870, 44.6378, 100.8632



38.4882, 37.1461, 99.7491



41.7609, 33.3661, 98.8470



17.4933, 18.3581, 22.8714



11.2198, 7.3492, 50.2618



1.1877, 0.9060, 4.9256

Inverse Universe

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



58.6550, 43.2322, 47.3741



54.2292, 36.6898, 38.7801



75.0311, 91.2181, 38.4653



18.2569, 18.0861, 19.9698



22.4514, 11.4699, 5.7617



2.2341, 1.1360, 0.8141

Previews

White Background



This preview shows how the XYZ color 44.7856, 44.6362, 100.8629 looks on a white background.

Color Contrast Check

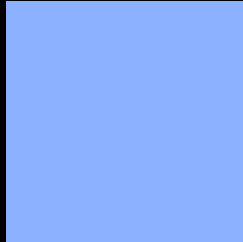
Large Text (above 18pt) WCAG AA × Fail

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 44.7856, 44.6362, 100.8629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

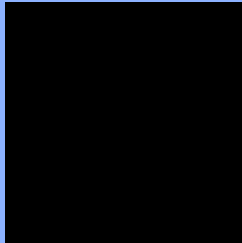
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

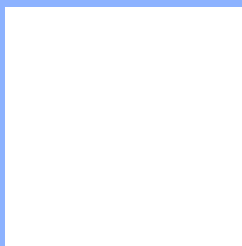
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.7856, 44.6362, 100.8629

Background



This preview shows how black text looks on a background with the XYZ color 44.7856, 44.6362, 100.8629.



This preview shows how white text looks on a background with the XYZ color 44.7856, 44.6362,

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

44.7856, 44.6362, 100.8629

Protanopia

46.1965, 44.5241, 99.0877

Deuteranopia

45.7881, 44.5666, 100.7967



Tritanopia

37.2202, 44.6382, 63.1542

Trichromacy



Original Color

44.7856, 44.6362, 100.8629

Protanomaly

45.6275, 44.5023, 99.9509

Deuteranomaly

45.4492, 44.6840, 100.8372

Tritanomaly

39.5312, 44.3007, 75.5746

Monochromacy



Original Color

44.7856, 44.6362, 100.8629

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.3247, 43.0917, 63.2662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7856, 44.6362, 100.8629 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(140, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 178, 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(140, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 178, 255) }
```

Border

The CSS property to change the border of an element to XYZ 44.7856, 44.6362, 100.8629 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(140, 178, 255) }
```


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

```
.border{ border-color:rgb(140, 178, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 178, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(140, 178,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7856, 44.6362, 100.8629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 178, 255) }
```

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

```
.background{ background-color: rgb(140,  
178, 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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