

Converting Colors

XYZ(44.2510, 55.5407, 92.3926)

Have a look what the booklet for
XYZ(44.2510, 55.5407, 92.3926)
contains.

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Color

**XYZ(44.2510, 55.5407,
92.3926)**

Conversions

Conversions Part 1

Format	Color
Hex	61D3F2
RGB	97, 211, 242
RGB Percent	38%, 83%, 95%
CMY	0.6196, 0.1725, 0.0510
CMYK	0.60, 0.13, 0.00, 0.05
HSL	193°, 85%, 66%
HSV	193°, 60%, 95%
XYZ	44.2510, 55.5407, 92.3926
YIQ	180.4480, -77.8950, -14.5270

Conversions

Conversions Part 2

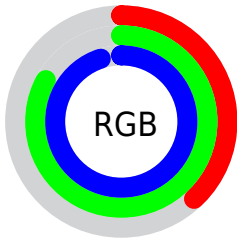
Format	Color
R_{YB}	97, 161, 242
Decimal	6411250
CIE _{Lab}	79.35, -23.48, -24.95
CIE _{LCh}	79, 34.255, 226.740
Yxy	55.5407, 0.2303, 0.2890
Android (android.graphics.Color)	4284601330 (0xFF61D3F2)
YUV	180.4480, 30.3451, -73.1839
Hunter-Lab	74.5256, -24.4321, -21.3364

Details

The XYZ color **44.2510, 55.5407, 92.3926** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **46.4963, 35.1804, 15.6509**, and the grayscale version is **43.4969, 45.7621, 49.8349**.

A 20% lighter version of the original color is **68.1081, 86.1109, 107.6391**, and **20.7764, 27.3350, 50.6355** is the 20% darker color. If you saturate the color by 10%, you get **40.7905, 51.8803, 91.8695**, and if you desaturate by 10%, it is **48.5427, 59.6932, 92.9690**.

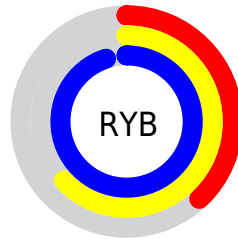
Distribution



Red (38%)

Green (83%)

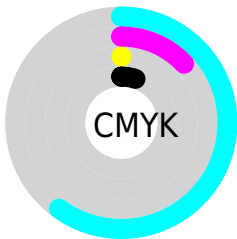
Blue (95%)



Red (38%)

Yellow (63%)

Blue (95%)

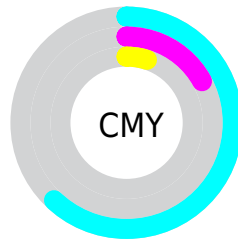


Cyan (60%)

Magenta (13%)

Yellow (0%)

Black (5%)



Cyan (62%)

Magenta (17%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2510, 55.5407, 92.3926 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 44.2510, 55.5407, 92.3926 by changing the saturation by 10% instead.

44.2510, 55.5407,
92.3926

44.2510, 55.5407,
92.3926

354.5665,
407.9583, 556.5532

31.0666, 39.8348,
69.3819

80.8393, 98.3327,
152.6218

20.8017, 27.4098,
50.5491

104.9740,
126.1876, 190.6774

13.0907, 17.8812,
35.4757

133.4895,
158.8610, 234.5851

7.5685, 10.8647,
23.7430

166.7511,
196.7372, 284.7634

3.8696, 5.9759,
14.9327

205.1243,
240.2006, 341.6308

1.6286, 2.8305,
8.6261

248.9743,

0.4109, 1.0439,

289.6357, 405.6059

4.4046

298.6666,
345.4268, 477.1072

■ 0.0000, 0.0000,
1.8498

■ 0.0000, 0.0000,
0.4605

■ 44.2510, 55.5407,
92.3926

■ 44.2510, 55.5407,
92.3926

■ 40.7905, 51.8803,
91.8695

■ 48.5427, 59.6932,
92.9690

■ 38.0814, 48.6670,
91.3921

■ 53.7253, 64.3659,
93.5977

■ 36.0369, 45.8566,
90.9574

■ 59.8592, 69.5916,
94.2831

■ 34.5101, 43.3728,
90.5584

■ 66.9977, 75.3982,
95.0276

■ 34.4979, 43.3523,
90.5551

■ 75.1901, 81.8117,
95.8338

■ 84.4823, 88.8563,
96.7038

■ 90.5951, 94.3266,
97.4375

■ 92.2012, 97.5388,
97.9728

■ 93.0272, 99.1909,
98.2482

Harmonies

Analogous

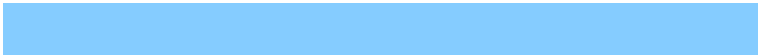
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.1318, 55.5407, 72.0293



44.2510, 55.5407, 92.3926



49.8198, 55.5407, 105.2353

Triad

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



44.2510, 55.5407, 92.3926



66.7077, 55.5407, 69.5657



49.0784, 55.5407, 31.0171

Complementary

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



44.2510, 55.5407, 92.3926



46.4963, 35.1804, 15.6509

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.



55.8755, 55.5407, 30.6379



44.2510, 55.5407, 92.3926



66.4654, 55.5407, 50.2265

Square

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



44.2510, 55.5407, 92.3926



62.9975, 55.5407, 90.2555



62.3619, 55.5407, 36.9109



43.7489, 55.5407, 38.0916

Rectangle

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



44.2510, 55.5407, 92.3926



54.3542, 55.5407, 106.3189



62.3619, 55.5407, 36.9109



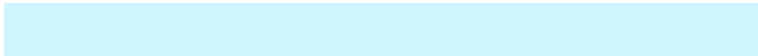
51.2557, 55.5407, 30.1659

Sweetspot

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



44.2528, 55.5428, 92.3939



77.0818, 86.2080, 107.1849



40.4493, 67.5534, 30.6479



15.9570, 18.0208, 22.8873



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.



44.2528, 55.5428, 92.3939



45.1694, 57.5576, 103.3368



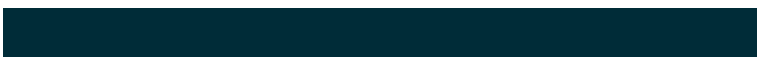
30.4098, 27.8569, 87.7796



15.9439, 17.3218, 20.2247



18.6359, 23.4961, 48.6809



1.6209, 2.0958, 4.0733

Inverse Universe

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



52.6520, 32.1315, 65.0570



55.8809, 30.7624, 67.7877



59.0857, 60.3592, 19.8473



16.3011, 15.9702, 19.1418



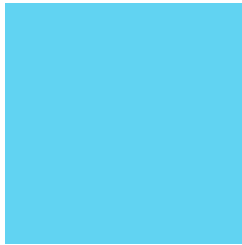
24.7322, 12.1653, 27.5699



2.0931, 1.0263, 2.4811

Previews

White Background



This preview shows how the XYZ color 44.2510, 55.5407, 92.3926 looks on a white background.

Color Contrast Check

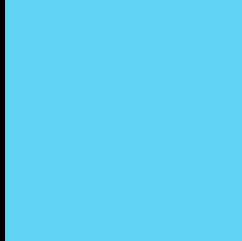
Large Text (above 18pt) WCAG AA × Fail

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 44.2510, 55.5407, 92.3926 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 44.2510, 55.5407, 92.3926

Background



This preview shows how black text looks on a background with the XYZ color 44.2510, 55.5407, 92.3926.

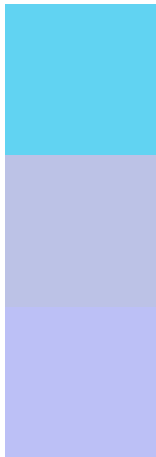


This preview shows how white text looks on a background with the XYZ color 44.2510, 55.5407,

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

44.2510, 55.5407, 92.3926

Protanopia

54.3138, 54.9881, 82.6140

Deuteranopia

56.2232, 55.0445, 94.8501



Tritanopia

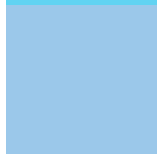
42.4908, 55.5770, 83.3508

Trichromacy



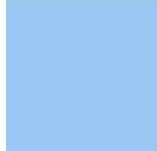
Original Color

44.2510, 55.5407, 92.3926



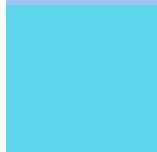
Protanomaly

49.0231, 54.2176, 85.7232



Deuteranomaly

50.4224, 54.4080, 94.2304



Tritanomaly

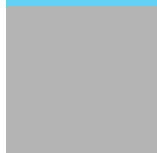
43.0109, 55.4072, 86.2696

Monochromacy



Original Color

44.2510, 55.5407, 92.3926



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

41.9880, 48.0574, 63.5629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2510, 55.5407, 92.3926 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(97, 211, 242)` looks like.

```
.text, #text, p{  
    color:rgb(97, 211, 242)  
}
```

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(97, 211, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 211, 242) }
```

Border

The CSS property to change the border of an element to XYZ 44.2510, 55.5407, 92.3926 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(97, 211, 242) }
```


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

```
.border{ border-color:rgb(97, 211, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 211, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 211, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 211, 242);  
box-shadow:4px 4px 4px 4px rgb(97, 211,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2510, 55.5407, 92.3926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 211, 242) }
```

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

```
.background{ background-color: rgb(97, 211,  
242) }
```

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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