Converting Colors

XYZ(74.5023, 88.4889, 105.2905)

Have a look what the booklet for XYZ(74.5023, 88.4889, 105.2905) contains.

Color

XYZ(74.4342, 88.4853, 105.2517)

Conversions

Conversions Part 1

Format	Color
Hex	C0FDFC
RGB	192, 253, 252
RGB Percent	75%, 99%, 99%
CMY	0.2470, 0.0078, 0.0118
CMYK	0.24, 0.00, 0.00, 0.01
HSL	179°, 94%, 87%
HSV	179°, 24%, 99%
XYZ	74.4342, 88.4853, 105.2517
YIQ	234.6470, -36.0350, -13.2430

Conversions

Conversions Part 2

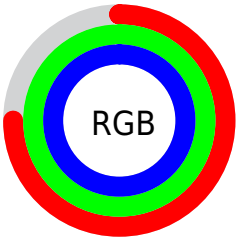
Format	Color
RYB	192, 223, 253
Decimal	12647932
CIELab	95.36, -19.15, -5.74
CIELCh	95, 19.991, 196.695
Yxy	88.4853, 0.2776, 0.3300
Android (android.graphics.Color)	4290838012 (0xFFC0FDFC)
YUV	234.6470, 8.5550, -37.4014
Hunter-Lab	94.0666, -23.3709, -0.4933

Details

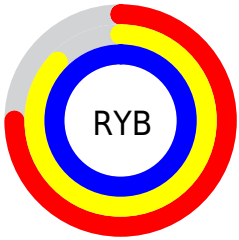
The XYZ color 74.4342, 88.4853, 105.2517 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 68.9864, 62.4347, 58.8708, and the grayscale version is 78.6560, 82.7523, 90.1172.

A 20% lighter version of the original color is 93.2343, 99.0640, 108.8150, and 39.9068, 48.7384, 58.9339 is the 20% darker color. If you saturate the color by 10%, you get 68.5055, 85.4388, 104.6323, and if you desaturate by 10%, it is 81.4694, 92.1067, 105.9274.

Distribution

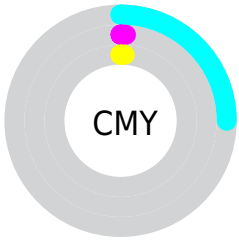


- Red (75%)
- Green (99%)
- Blue (99%)



- Red (75%)
- Yellow (87%)
- Blue (99%)

- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)



- Cyan (25%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4342, 88.4853, 105.2517 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 74.4342, 88.4853, 105.2517 by changing the saturation by 10% instead.

74.4342, 88.4853, 105.2517

74.4342, 88.4853, 105.2517

464.9978, 523.0912, 598.2920

55.4420, 66.7251, 80.0524

124.5033, 145.2326, 170.4703

39.9910, 48.8612, 59.2351

156.3110, 180.9885, 211.3266

27.7157, 34.5094, 42.3811

193.1212, 222.1783, 258.2391

18.2508, 23.2852, 29.0720

235.2993, 269.1865, 311.6262

11.2310, 14.8042, 18.8893

283.2106, 322.3975, 371.9065

6.2909, 8.6821, 11.4143

337.2206,

3.0651, 4.5344,

382.1957, 439.4986

397.6945, 448.9655, 514.8209

6.2286

1.1883, 1.9768, 2.9135

0.0971, 0.5939, 1.0506

74.4342, 88.4853, 105.2517

68.5055, 85.4388, 104.6323

63.6192, 82.9274, 104.0605

59.7165, 80.9231, 103.5355

56.7299, 79.3910, 103.0542

74.4342, 88.4853, 105.2517

81.4694, 92.1067, 105.9274

89.6556, 96.3192, 106.6559

94.1363, 98.6214, 107.2117

94.2028, 98.6480, 107.5617

54.5831, 78.2918, 102.6128

53.1875, 77.5799, 102.2074

52.4350, 77.1995, 101.8329

52.2014, 77.0835, 101.6225

94.2694, 98.6747, 107.9124

94.3361, 98.7014, 108.2639

94.4030, 98.7281, 108.6162

94.4168, 98.7336, 108.6889

Harmonies

Analogous

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

74.2860, 88.4853, 89.5848

74.4342, 88.4853, 105.2517

77.0997, 88.4853, 119.9455

Triad

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

74.4342, 88.4853, 105.2517

91.9832, 88.4853, 118.4943

86.5440, 88.4853, 69.9274

Complementary

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

74.4342, 88.4853, 105.2517

68.9864, 62.4347, 58.8708

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.

91.5173, 88.4853, 76.0638

74.4342, 88.4853, 105.2517

94.7481, 88.4853, 103.4379

Square

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

74.4342, 88.4853, 105.2517

87.1575, 88.4853, 128.1396

94.5740, 88.4853, 87.9563

81.1200, 88.4853, 70.3002

Rectangle

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

74.4342, 88.4853, 105.2517

80.0138, 88.4853, 126.7099

94.5740, 88.4853, 87.9563

88.3285, 88.4853, 71.2664

Sweetspot

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

74.4368, 88.4889, 105.2537

88.7379, 96.7515, 108.3581

66.6389, 85.3996, 62.8425

18.8831, 20.6519, 23.1834

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.

74.4368, 88.4889, 105.2537

72.6826, 88.4917, 106.8344

65.9964, 71.3530, 103.2267

18.5412, 20.4760, 23.1531

27.7738, 41.0061, 54.0874

2.7082, 3.9942, 5.2872

Inverse Universe

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

68.9864, 62.4347, 58.8708

66.2451, 57.7165, 52.0492

76.0099, 76.6601, 60.6616

18.0215, 17.9919, 18.7304

21.5660, 11.1157, 1.0992

2.1039, 1.0839, 0.1284

Previews

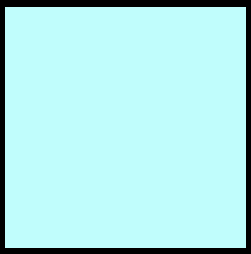
White Background

This preview shows how the XYZ color 74.4342, 88.4853, 105.2517 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



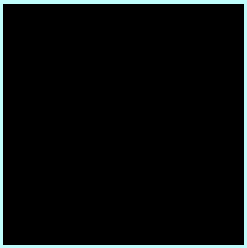
This preview shows how the XYZ color 74.4342, 88.4853, 105.2517 looks on a black background.

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 74.4342, 88.4853, 105.2517 Background



This preview shows how black text looks on a background with the XYZ color 74.4342, 88.4853, 105.2517.

This preview shows how white text looks on a background with the XYZ color 74.4342, 88.4853,

105.2517.

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
74.4342, 88.4853, 105.2517

Protanopia
84.7974, 88.0849, 98.1207

Deuteranopia
88.8377, 87.8324, 106.0370

Tritanopia
80.5212, 87.8970, 107.3296

Trichromacy

Original Color
74.4342, 88.4853, 105.2517

Protanomaly
80.4922, 88.0278, 100.7444

Deuteranomaly
82.7605, 87.7519, 105.5044

Tritanomaly
78.0351, 87.9922, 106.6372

Monochromacy

Original Color
74.4342, 88.4853, 105.2517

Achromatopsia
78.9647, 83.0770, 90.4708

Achromatomaly
76.8427, 84.9152, 95.5593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4342, 88.4853, 105.2517 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(192, 253, 252) looks like.

```
.text, #text, p{
    color:rgb(192, 253, 252)
}
```

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(192, 253, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 253, 252) }
```

Border

The CSS property to change the border of an element to XYZ 74.4342, 88.4853, 105.2517 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(192, 253, 252) }
```

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

```
.border{ border-color:rgb(192, 253, 252) }
```

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

Here you see how a box with a 4 pixel rgb(192, 253, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 253, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 253, 252); box-shadow:4px 4px 4px 4px rgb(192, 253, 252) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4342, 88.4853, 105.2517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(192, 253, 252) }
```

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

```
.background{ background-color:rgb(192,
253, 252) }
```

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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