Converting Colors

XYZ(165.4800, 210.0584, 261.8923)

Have a look what the booklet for XYZ(165.4800, 210.0584, 261.8923) contains.

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Color

XYZ(88.0709, 96.4022, 108.5734)

Conversions

Conversions Part 1

Format	Color
Hex	EBFFFF
RGB	235, 255, 255
RGB Percent	92%, 100%, 100%
CMY	0.0784, 0.0000, 0.0000
CMYK	0.08, 0.00, 0.00, 0.00
HSL	180°, 100%, 96%
HSV	180°, 8%, 100%
XYZ	88.0709, 96.4022, 108.5734
YIQ	249.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

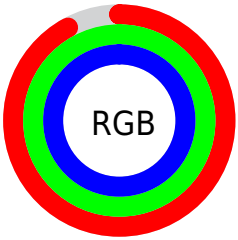
Format	Color
RYB	235, 245, 255
Decimal	15466495
CIELab	98.59, -6.48, -2.24
CIELCh	99, 6.851, 199.068
Yxy	96.4022, 0.3005, 0.3290
Android (android.graphics.Color)	4293656575 (0xFFEBFFFF)
YUV	249.0200, 2.9481, -12.2955
Hunter-Lab	98.1846, -11.7099, 3.1658

Details

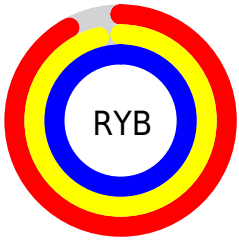
The XYZ color 88.0709, 96.4022, 108.5734 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 85.9445, 86.6759, 90.7990, and the grayscale version is 90.0419, 94.7311, 103.1622.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.9775, 54.0491, 61.2772 is the 20% darker color. If you saturate the color by 10%, you get 80.2467, 92.3686, 108.2072, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

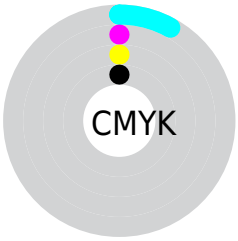
Distribution



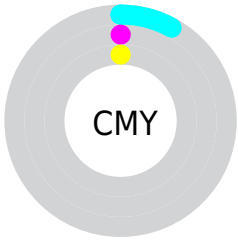
- Red (92%)
- Green (100%)
- Blue (100%)



- Red (92%)
- Yellow (96%)
- Blue (100%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.0709, 96.4022, 108.5734 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 88.0709, 96.4022, 108.5734 by changing the saturation by 10% instead.

88.0709, 96.4022, 108.5734

88.0709, 96.4022, 108.5734

510.0673, 548.6443, 608.8237

66.7128, 73.3026, 82.8229

143.5479, 156.2004, 175.0444

49.1211, 54.2234, 61.5043

178.3975, 193.6677, 216.6019

34.9305, 38.7803, 44.1991

218.4749, 236.6931, 264.2655

23.7756, 26.5889, 30.4887

264.1455, 285.6609, 318.4537

15.2911, 17.2647, 19.9546

315.7747, 340.9555, 379.5851

9.1116, 10.4234, 12.1783

373.7279,

4.8717, 5.6806,

402.9614, 448.0782

438.3703, 472.0628, 524.3516

6.7412

2.2062, 2.6518, 3.2248

0.7460, 0.9528, 1.2105

88.0709, 96.4022, 108.5734

88.0709, 96.4022, 108.5734

80.2467, 92.3686, 108.2072

95.0500, 100.0000, 108.9000

73.5776, 88.9306, 107.8951

68.0095, 86.0601, 107.6345

63.4831, 83.7267, 107.4227

59.9339, 81.8970, 107.2566

57.2898, 80.5339, 107.1329

55.4691, 79.5953, 107.0476

54.3751, 79.0313, 106.9964

53.8789, 78.7755, 106.9732

Harmonies

Analogous

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

87.9346, 96.4022, 102.9084

88.0709, 96.4022, 108.5734

89.1521, 96.4022, 113.4330

Triad

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

88.0709, 96.4022, 108.5734

94.5382, 96.4022, 112.2833

92.3524, 96.4022, 94.6053

Complementary

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

88.0709, 96.4022, 108.5734

85.9445, 86.6759, 90.7990

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.

94.1481, 96.4022, 96.9304

88.0709, 96.4022, 108.5734

95.4222, 96.4022, 107.0501

Square

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

88.0709, 96.4022, 108.5734

92.8786, 96.4022, 115.6278

95.2784, 96.4022, 101.4386

90.3875, 96.4022, 94.9799

Rectangle

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

88.0709, 96.4022, 108.5734

90.2720, 96.4022, 115.4982

95.2784, 96.4022, 101.4386

92.9963, 96.4022, 95.0936

Sweetspot

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

88.0715, 96.4025, 108.5734

93.1985, 99.0455, 108.8134

85.0172, 95.1807, 92.4894

19.9677, 21.2098, 23.2914

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.

88.0715, 96.4025, 108.5734

87.1049, 95.9042, 108.5282

84.9642, 90.1878, 107.5376

18.5550, 20.4815, 23.2253

28.1169, 41.1433, 55.8941

2.7376, 4.0060, 5.4422

Inverse Universe

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

88.9988, 87.8977, 106.8829

88.1607, 86.2214, 106.6036

88.8883, 92.5636, 91.7802

18.7928, 18.3004, 22.7918

30.9803, 14.8814, 50.6741

3.0164, 1.4490, 4.9340

Previews

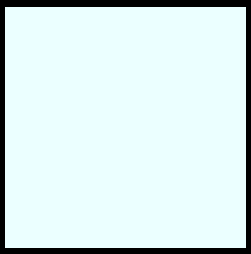
White Background

This preview shows how the XYZ color 88.0709, 96.4022, 108.5734 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



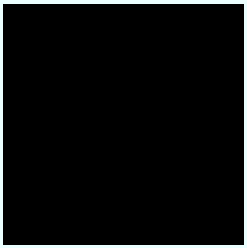
This preview shows how the XYZ color 88.0709, 96.4022, 108.5734 looks on a black background.

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 88.0709, 96.4022, 108.5734 Background



This preview shows how black text looks on a background with the XYZ color 88.0709, 96.4022, 108.5734.

This preview shows how white text looks on a background with the XYZ color 88.0709, 96.4022.

108.5734.

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
88.0709, 96.4022, 108.5734

Protanopia
92.6864, 96.0396, 105.7479

Deuteranopia
92.6864, 96.0396, 105.7479

Tritanopia
91.2586, 96.1708, 108.3607

Trichromacy

Original Color
88.0709, 96.4022, 108.5734

Protanomaly
90.9382, 96.0427, 106.6736

Deuteranomaly
90.9382, 96.0427, 106.6736

Tritanomaly
89.8226, 95.8955, 108.3833

Monochromacy

Original Color
88.0709, 96.4022, 108.5734

Achromatopsia
90.0415, 94.7307, 103.1617

Achromatomaly
89.2180, 95.1925, 104.9385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.0709, 96.4022, 108.5734 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(235, 255, 255) looks like.

```
.text, #text, p{
    color:rgb(235, 255, 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(235, 255, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 255) }
```

Border

The CSS property to change the border of an element to XYZ 88.0709, 96.4022, 108.5734 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(235, 255, 255) }
```

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

```
.border{ border-color:rgb(235, 255, 255) }
```

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

Here you see how a box with a 4 pixel rgb(235, 255, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 255, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 255, 255); box-shadow:4px 4px 4px 4px rgb(235, 255, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 88.0709, 96.4022, 108.5734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(235, 255, 255) }
```

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

```
.background{ background-color:rgb(235,
255, 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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