

Converting Colors

XYZ(35.0753, 46.0449, 84.8818)

Have a look what the booklet for
XYZ(35.0753, 46.0449, 84.8818)
contains.

XYZ(35.0487, 45.9922, 84.8720)	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(35.0487, 45.9922,
84.8720)**

Conversions

Conversions Part 1

Format	Color
Hex	11C5EA
RGB	17, 197, 234
RGB Percent	7%, 77%, 92%
CMY	0.9332, 0.2274, 0.0823
CMYK	0.93, 0.16, 0.00, 0.08
HSL	190°, 86%, 49%
HSV	190°, 93%, 92%
XYZ	35.0487, 45.9922, 84.8720
YIQ	147.3980, -119.1570, -26.6530

Conversions

Conversions Part 2

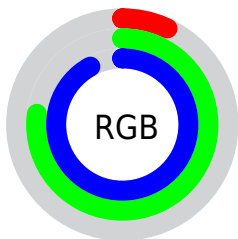
Format	Color
R _Y B	17, 115, 234
Decimal	1164778
CIE Lab	73.54, -27.40, -29.68
CIE LCh	74, 40.397, 227.288
Yxy	45.9922, 0.2112, 0.2772
Android (android.graphics.Color)	4279354858 (0xFF11C5EA)
YUV	147.3980, 42.6948, -114.3590
Hunter-Lab	67.8175, -26.4304, -26.7277

Details

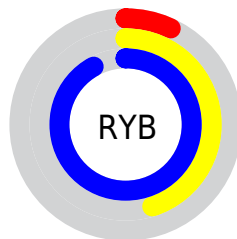
The XYZ color **35.0487, 45.9922, 84.8720** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **35.3547, 20.1755, 2.5630**, and the grayscale version is **27.7678, 29.2139, 31.8140**.

A 20% lighter version of the original color is **60.3019, 81.6143, 107.1826**, and **17.8583, 22.8593, 45.5905** is the 20% darker color. If you saturate the color by 10%, you get **34.1646, 44.5669, 84.6444**, and if you desaturate by 10%, it is **36.6289, 48.1707, 85.2101**.

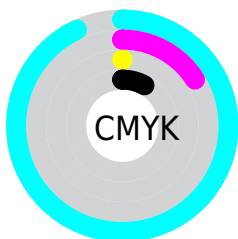
Distribution



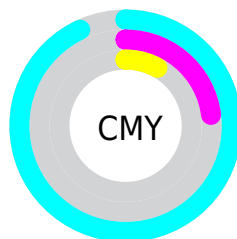
- Red (7%)
- Green (77%)
- Blue (92%)



- Red (7%)
- Yellow (45%)
- Blue (92%)



- Cyan (93%)
- Magenta (16%)
- Yellow (0%)
- Black (8%)



- Cyan (93%)
- Magenta (23%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0487, 45.9922, 84.8720 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 35.0487, 45.9922, 84.8720 by changing the saturation by 10% instead.

35.0487, 45.9922,
84.8720

35.0487, 45.9922,
84.8720

316.2875,
370.7773, 531.3380

23.8671, 32.2397,
63.1861

66.8947, 84.2073,
142.0669

15.3593, 21.5446,
45.5498

88.2899, 109.4387,
178.4130

9.1599, 13.5227,
31.5446

113.8202,
139.2652, 220.4828

4.9035, 7.7894,
20.7520

143.8511,
174.0711, 268.6950

2.2250, 3.9605,
12.7533

178.7479,
214.2408, 323.4681

0.7558, 1.6515,
7.1302

218.8760,

0.0000, 0.3920,

260.1589, 385.2206

3.4640

264.6008,
312.2096, 454.3710

■ 0.0000, 0.0000,
1.3362

■ 0.0000, 0.0000,
0.0911

■ 35.0487, 45.9922,
84.8720

■ 35.0487, 45.9922,
84.8720

■ 34.1646, 44.5669,
84.6444

■ 36.6289, 48.1707,
85.2101

■ 38.7831, 50.6801,
85.5809

■ 41.5989, 53.5668,
85.9897

■ 45.1476, 56.8677,
86.4398

■ 49.4913, 60.6151,
86.9342

■ 54.6850, 64.8376,
87.4755

■ 60.7790, 69.5614,
88.0661

■ 67.8194, 74.8106,
88.7082

■ 75.8492, 80.6074,
89.4039

Harmonies

Analogous

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



31.8741, 45.9922, 62.6917



35.0487, 45.9922, 84.8720



40.7626, 45.9922, 99.0469

Triad

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



35.0487, 45.9922, 84.8720



58.5179, 45.9922, 59.2362



39.7607, 45.9922, 21.1392

Complementary

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



35.0487, 45.9922, 84.8720



35.3547, 20.1755, 2.5630

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.



46.8049, 45.9922, 20.6855



35.0487, 45.9922, 84.8720



58.1741, 45.9922, 39.2805

Square

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



35.0487, 45.9922, 84.8720



54.5955, 45.9922, 81.7566



53.7018, 45.9922, 26.3905



34.3842, 45.9922, 27.8649

Rectangle

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



35.0487, 45.9922, 84.8720



45.4786, 45.9922, 100.0685



53.7018, 45.9922, 26.3905



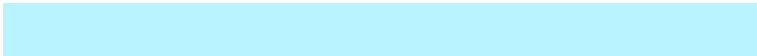
41.9960, 45.9922, 20.3292

Sweetspot

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



35.0502, 45.9938, 84.8731



69.7194, 81.3568, 106.6366



30.3024, 59.2248, 13.2271



14.2624, 16.8959, 22.7595



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.



35.0502, 45.9938, 84.8731



41.4721, 54.0643, 102.8574



18.6860, 13.2654, 79.4184



15.2864, 16.6592, 19.3321



19.2799, 25.2068, 47.5922



1.5717, 2.0948, 3.7564

Inverse Universe

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



44.2115, 21.9262, 54.7268



53.0624, 25.9890, 64.1860



46.8980, 43.2620, 6.4107



15.5981, 15.2671, 18.4349



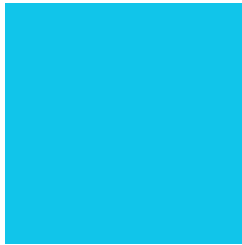
24.5869, 12.0374, 29.9556



1.9598, 0.9569, 2.5057

Previews

White Background



This preview shows how the XYZ color 35.0487, 45.9922, 84.8720 looks on a white background.

Color Contrast Check

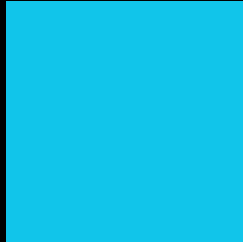
Large Text (above 18pt) WCAG AA × Fail

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 35.0487, 45.9922, 84.8720 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

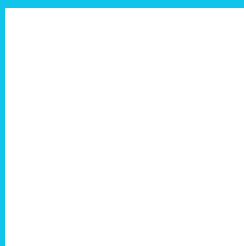
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0487, 45.9922, 84.8720

Background



This preview shows how black text looks on a background with the XYZ color 35.0487, 45.9922, 84.8720.



This preview shows how white text looks on a background with the XYZ color 35.0487, 45.9922,

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

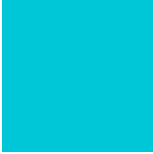
35.0487, 45.9922, 84.8720

Protanopia

45.0026, 45.0466, 74.0331

Deuteranopia

46.6120, 45.5688, 88.0003



Tritanopia

32.6892, 45.7531, 71.3983

Trichromacy



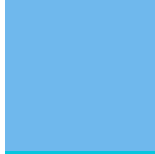
Original Color

35.0487, 45.9922, 84.8720



Protanomaly

37.6705, 43.2946, 77.6054



Deuteranomaly

38.9821, 43.7749, 86.5156



Tritanomaly

33.4540, 45.7008, 76.1652

Monochromacy



Original Color

35.0487, 45.9922, 84.8720



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

26.8473, 32.8743, 47.5782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0487, 45.9922, 84.8720 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(17, 197, 234)` looks like.

```
.text, #text, p{  
    color:rgb(17, 197, 234)  
}
```

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(17, 197, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 197, 234) }
```

Border

The CSS property to change the border of an element to XYZ 35.0487, 45.9922, 84.8720 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(17, 197, 234) }
```


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

```
.border{ border-color:rgb(17, 197, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 197, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 197, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 197, 234);  
box-shadow:4px 4px 4px 4px rgb(17, 197,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0487, 45.9922, 84.8720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 197, 234) }
```

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

```
.background{ background-color: rgb(17, 197,  
234) }
```

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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