

Converting Colors

XYZ(45.3277, 61.2638,
104.0438)

Have a look what the booklet for
XYZ(45.3277, 61.2638, 104.0438)
contains.

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Color

**XYZ(45.3286, 61.2526,
104.0416)**

Conversions

Conversions Part 1

Format	Color
Hex	17E1FF
RGB	23, 225, 255
RGB Percent	9%, 88%, 100%
CMY	0.9096, 0.1176, 0.0000
CMYK	0.91, 0.12, 0.00, 0.00
HSL	188°, 100%, 55%
HSV	188°, 91%, 100%
XYZ	45.3286, 61.2526, 104.0416
YIQ	168.0220, -130.0220, -33.4940

Conversions

Conversions Part 2

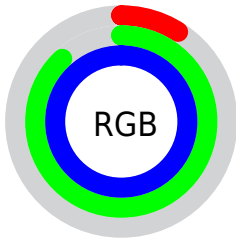
Format	Color
R _Y B	23, 131, 255
Decimal	1565183
CIE Lab	82.51, -33.99, -27.14
CIE LCh	83, 43.492, 218.607
Yxy	61.2526, 0.2152, 0.2908
Android (android.graphics.Color)	4279755263 (0xFF17E1FF)
YUV	168.0220, 42.8802, -127.1843
Hunter-Lab	78.2640, -33.5793, -24.0333

Details

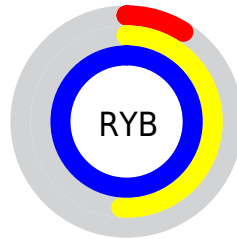
The XYZ color **45.3286, 61.2526, 104.0416** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **42.6700, 23.8719, 3.1717**, and the grayscale version is **37.0791, 39.0101, 42.4820**.

A 20% lighter version of the original color is **61.6952, 82.8049, 107.3390**, and **24.3810, 32.4532, 58.4052** is the 20% darker color. If you saturate the color by 10%, you get **44.1774, 59.4748, 103.7591**, and if you desaturate by 10%, it is **47.1209, 63.5141, 104.3836**.

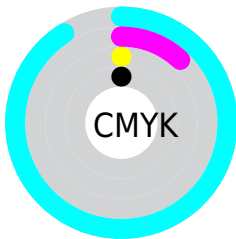
Distribution



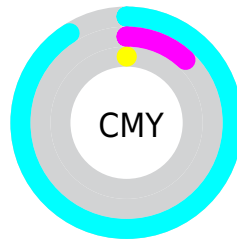
- Red (9%)
- Green (88%)
- Blue (100%)



- Red (9%)
- Yellow (51%)
- Blue (100%)



- Cyan (91%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)




- Cyan (91%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3286, 61.2526, 104.0416 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 45.3286, 61.2526, 104.0416 by changing the saturation by 10% instead.


 45.3286, 61.2526,
104.0416

 45.3286, 61.2526,
104.0416


358.8641,
429.1996, 594.4311


 31.9187, 44.4291,
79.0445


 82.4473, 106.6446,
168.8004


 21.4547, 31.0080,
58.4109


 106.8869,
135.9818, 209.3992

 13.5711, 20.6049,
41.7222

 135.7337,
170.2591, 256.0356

 7.9027, 12.8355,
28.5599

 169.3531,
209.8608, 309.1282

 4.0840, 7.3154,
18.5054

208.1105,
255.1713, 369.0955

 1.7498, 3.6601,
11.1403

252.3712,

 0.4871, 1.4853,

306.5750, 436.3561

6.0459

302.5007,
364.4563, 511.3284

■ 0.0000, 0.2784,
2.8038

■ 0.0000, 0.0000,
0.9953

■ 45.3286, 61.2526,
104.0416

■ 45.3286, 61.2526,
104.0416

■ 44.1774, 59.4748,
103.7591

■ 47.1209, 63.5141,
104.3836

■ 49.6211, 66.1649,
104.7635

■ 52.9337, 69.2605,
105.1865

■ 57.1448, 72.8452,
105.6564

■ 62.3289, 76.9577,
106.1770

■ 68.5530, 81.6325,
106.7513

■ 75.8779, 86.9012,
107.3822

■ 84.3597, 92.7928,
108.0723

■ 94.0507, 99.3345,
108.8242

Harmonies

Analogous

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



42.2620, 61.2526, 74.6588



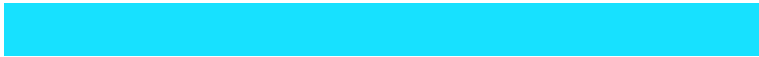
45.3286, 61.2526, 104.0416



51.9344, 61.2526, 126.6736

Triad

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



45.3286, 61.2526, 104.0416



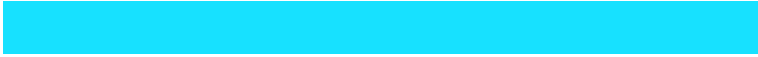
76.5142, 61.2526, 87.1809



55.5823, 61.2526, 27.7805

Complementary

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



45.3286, 61.2526, 104.0416



42.6700, 23.8719, 3.1717

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.



64.9907, 61.2526, 29.4601



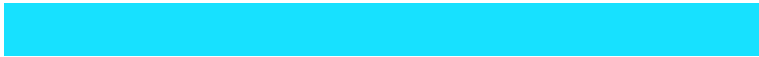
45.3286, 61.2526, 104.0416



77.7579, 61.2526, 59.3162

Square

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



45.3286, 61.2526, 104.0416



70.1097, 61.2526, 115.2742



73.3467, 61.2526, 39.5612



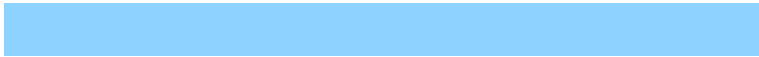
47.7546, 61.2526, 34.1349

Rectangle

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



45.3286, 61.2526, 104.0416



57.7851, 61.2526, 132.1408



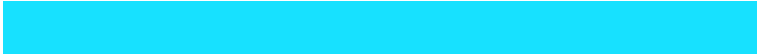
73.3467, 61.2526, 39.5612



58.6546, 61.2526, 27.4683

Sweetspot

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



45.3304, 61.2547, 104.0419



71.3212, 83.6480, 106.9944



36.6923, 71.9339, 14.9802



14.7530, 17.5313, 22.8563



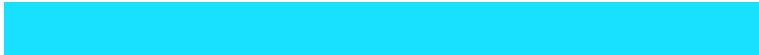
0.0000, 0.0000, 0.0000



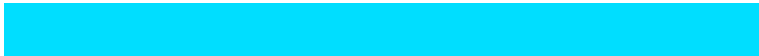
20.3446, 21.4041, 23.3091

Same Dimension

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



45.3304, 61.2547, 104.0419



44.1774, 59.4748, 103.7591



24.1941, 18.9822, 96.9965



18.3427, 20.0570, 23.1546



23.1619, 31.2335, 54.2425



2.3086, 3.1480, 5.2992

Inverse Universe

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



55.1383, 27.3109, 73.6017



54.4279, 26.5352, 71.3765



55.0465, 48.6248, 7.2971



18.6856, 18.2576, 22.2276



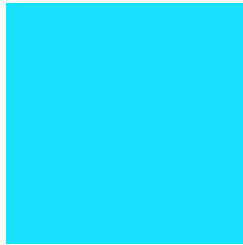
28.4793, 13.8810, 37.5039



2.7999, 1.3623, 3.7937

Previews

White Background



This preview shows how the XYZ color 45.3286, 61.2526, 104.0416 looks on a white background.

Color Contrast Check

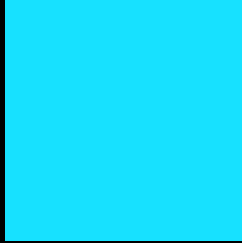
Large Text (above 18pt) WCAG AA × Fail

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 45.3286, 61.2526, 104.0416 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 45.3286, 61.2526, 104.0416

Background



This preview shows how black text looks on a background with the XYZ color 45.3286, 61.2526, 104.0416.

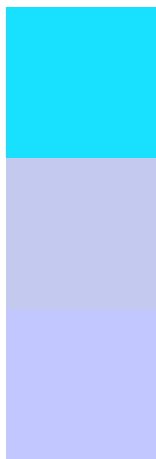


This preview shows how white text looks on a background with the XYZ color 45.3286, 61.2526,

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

45.3286, 61.2526, 104.0416

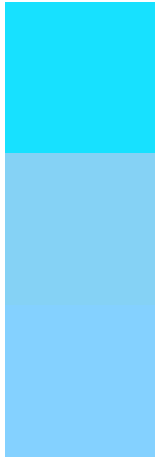
Protanopia

59.4655, 60.2088, 90.1487

Deuteranopia

60.9524, 59.9979, 102.9760

Trichromacy



Original Color

45.3286, 61.2526, 104.0416

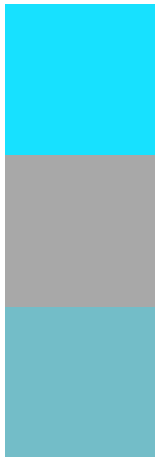
Protanomaly

49.2009, 57.6723, 94.9249

Deuteranomaly

50.3662, 57.7265, 103.0955

Monochromacy



Original Color

45.3286, 61.2526, 104.0416

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

35.6932, 44.2102, 61.2958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3286, 61.2526, 104.0416 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(23, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(23, 225, 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(23, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 225, 255) }
```

Border

The CSS property to change the border of an element to XYZ 45.3286, 61.2526, 104.0416 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(23, 225, 255) }
```

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

```
.border{ border-color:rgb(23, 225, 255) }
```

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

Here you see how a box with a 4 pixel rgb(23, 225, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(23, 225,  
255) }
```


Background

The CSS property to change the background color of an element to XYZ 45.3286, 61.2526, 104.0416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 225, 255) }
```

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

```
.background{ background-color: rgb(23, 225,  
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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