

Converting Colors

XYZ(52.6491, 74.3915,
106.1918)

Have a look what the booklet for
XYZ(52.6491, 74.3915, 106.1918)
contains.

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Color

**XYZ(52.6760, 74.4453,
106.2008)**

Conversions

Conversions Part 1

Format	Color
Hex	33F7FF
RGB	51, 247, 255
RGB Percent	20%, 97%, 100%
CMY	0.7999, 0.0314, 0.0000
CMYK	0.80, 0.03, 0.00, 0.00
HSL	182°, 100%, 60%
HSV	182°, 80%, 100%
XYZ	52.6760, 74.4453, 106.2008
YIQ	189.3080, -119.3840, -39.0640

Conversions

Conversions Part 2

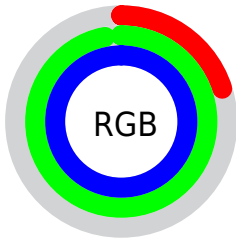
Format	Color
R _Y B	51, 151, 255
Decimal	3405823
CIE Lab	89.13, -42.45, -17.08
CIE LCh	89, 45.762, 201.917
Yxy	74.4453, 0.2258, 0.3191
Android (android.graphics.Color)	4281595903 (0xFF33F7FF)
YUV	189.3080, 32.3862, -121.2961
Hunter-Lab	86.2817, -42.0166, -12.5806

Details

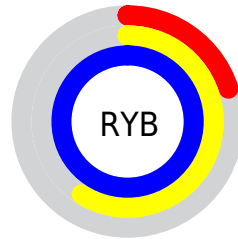
The XYZ color **52.6760, 74.4453, 106.2008** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **43.4027, 24.6287, 5.6004**, and the grayscale version is **48.4194, 50.9410, 55.4747**.

A 20% lighter version of the original color is **63.6415, 83.8083, 107.4301**, and **28.6065, 40.9041, 59.8136** is the 20% darker color. If you saturate the color by 10%, you get **51.4207, 73.3472, 106.0550**, and if you desaturate by 10%, it is **54.6403, 75.9146, 106.3809**.

Distribution



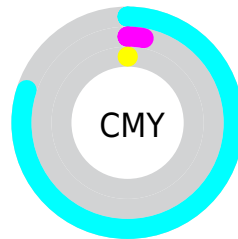
- Red (20%)
- Green (97%)
- Blue (100%)



- Red (20%)
- Yellow (59%)
- Blue (100%)



- Cyan (80%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)





- Cyan (80%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6760, 74.4453, 106.2008 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 52.6760, 74.4453, 106.2008 by changing the saturation by 10% instead.


 52.6760, 74.4453,
106.2008


 52.6760, 74.4453,
106.2008


387.3221,
476.0088, 601.3110


 37.7706, 55.1586,
80.8434


 93.2958, 125.5268,
171.7787


 25.9811, 39.5287,
59.8824


 119.7409,
158.0905, 212.8362

 16.9421, 27.1713,
42.8992


 150.7633,
195.8485, 259.9643

 10.2883, 17.7019,
29.4752

 186.7283,
239.1854, 313.5814

 5.6542, 10.7362,
19.1919

228.0014,
288.4854, 374.1061

 2.6746, 5.8897,
11.6308

274.9478,

 0.9841, 2.7781,

344.1331, 441.9569

6.3734

327.9329,
406.5128, 517.5523

■ 0.0000, 1.0170,
3.0010

■ 0.0000, 0.0000,
1.0951

■ 52.6760, 74.4453,
106.2008

■ 52.6760, 74.4453,
106.2008

■ 51.4207, 73.3472,
106.0550

■ 54.6403, 75.9146,
106.3809

■ 50.7039, 72.5274,
105.9346

■ 57.4082, 77.7990,
106.5987

■ 50.7034, 72.5269,
105.9345

■ 61.0663, 80.1447,
106.8587

■ 65.6883, 82.9898,
107.1642

■ 71.3404, 86.3684,
107.5185

■ 78.0828, 90.3115,
107.9242

■ 85.9712, 94.8479,
108.3840

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



51.5859, 74.4453, 72.7289



52.6760, 74.4453, 106.2008



58.3426, 74.4453, 139.6194

Triad

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



52.6760, 74.4453, 106.2008



89.0076, 74.4453, 125.1275



73.8151, 74.4453, 34.2031

Complementary

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



52.6760, 74.4453, 106.2008



43.4027, 24.6287, 5.6004

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.



84.8206, 74.4453, 41.7021



52.6760, 74.4453, 106.2008



94.1739, 74.4453, 90.0005

Square

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



52.6760, 74.4453, 106.2008



79.0648, 74.4453, 152.3940



92.5663, 74.4453, 60.2345



63.0545, 74.4453, 36.4016

Rectangle

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



52.6760, 74.4453, 106.2008



64.3107, 74.4453, 154.5439



92.5663, 74.4453, 60.2345



77.6225, 74.4453, 35.5840

Sweetspot

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



52.6780, 74.4480, 106.2012



75.2462, 88.6617, 107.7553



37.8853, 72.5279, 15.9814



15.5985, 18.6801, 23.0334



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.



52.6780, 74.4480, 106.2012



50.9522, 72.8349, 105.9808



29.7275, 28.5469, 98.5510



18.4902, 20.3521, 23.2038



26.5206, 37.9509, 55.3621



2.6005, 3.7317, 5.3965

Inverse Universe

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



59.2137, 30.3449, 90.7347



57.8938, 28.0987, 89.0816



54.3757, 46.5746, 9.2581



18.7601, 18.2874, 22.6198



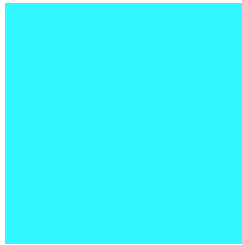
30.1746, 14.5591, 46.4313



2.9472, 1.4213, 4.5694

Previews

White Background



This preview shows how the XYZ color 52.6760, 74.4453, 106.2008 looks on a white background.

Color Contrast Check

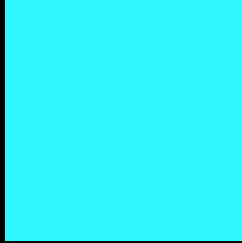
Large Text (above 18pt) WCAG AA × Fail

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 52.6760, 74.4453, 106.2008 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

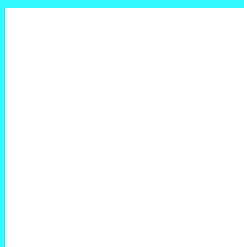
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6760, 74.4453, 106.2008

Background



This preview shows how black text looks on a background with the XYZ color 52.6760, 74.4453, 106.2008.

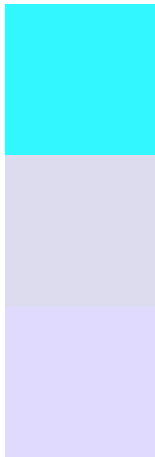


This preview shows how white text looks on a background with the XYZ color 52.6760, 74.4453,

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

52.6760, 74.4453, 106.2008

Protanopia

70.8446, 72.7316, 91.1936

Deuteranopia

73.8619, 73.2101, 104.8458



Tritanopia

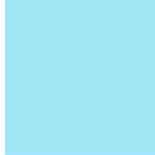
58.1122, 74.1294, 105.8533

Trichromacy



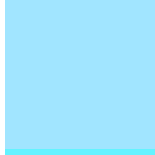
Original Color

52.6760, 74.4453, 106.2008



Protanomaly

58.9240, 70.4962, 96.0895



Deuteranomaly

60.7673, 70.8357, 105.0776



Tritanomaly

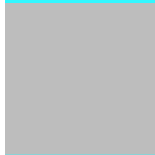
55.3561, 74.0305, 105.9795

Monochromacy



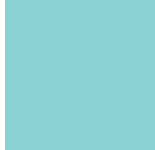
Original Color

52.6760, 74.4453, 106.2008



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

45.7043, 56.3863, 71.4256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6760, 74.4453, 106.2008 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(51, 247, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 247, 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(51, 247, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 247, 255) }
```

Border

The CSS property to change the border of an element to XYZ 52.6760, 74.4453, 106.2008 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(51, 247, 255) }
```


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

```
.border{ border-color:rgb(51, 247, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 247, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 247, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 247, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 247,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6760, 74.4453, 106.2008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 247, 255) }
```

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

```
.background{ background-color: rgb(51, 247,  
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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