

Converting Colors

XYZ(52.4773, 69.2408, 90.8359)

Have a look what the booklet for
XYZ(52.4773, 69.2408, 90.8359)
contains.

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Color

**XYZ(52.6021, 69.4530,
90.7541)**

Conversions

Conversions Part 1

Format	Color
Hex	77EBED
RGB	119, 235, 237
RGB Percent	47%, 92%, 93%
CMY	0.5333, 0.0784, 0.0706
CMYK	0.50, 0.01, 0.00, 0.07
HSL	181°, 77%, 70%
HSV	181°, 50%, 93%
XYZ	52.6021, 69.4530, 90.7541
YIQ	200.5440, -69.7780, -23.9700

Conversions

Conversions Part 2

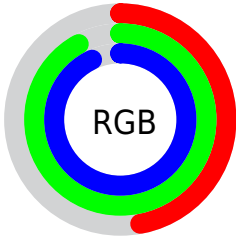
Format	Color
RYB	119, 177, 237
Decimal	7859181
CIELab	86.73, -32.28, -11.10
CIElCh	87, 34.137, 198.980
Yxy	69.4530, 0.2472, 0.3264
Android (android.graphics.Color)	4286049261 (0xFF77EBED)
YUV	200.5440, 17.9728, -71.5141
Hunter-Lab	83.3385, -33.1756, -6.2288

Details

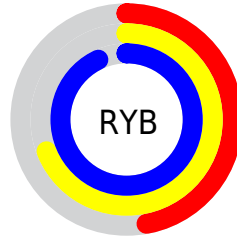
The XYZ color **52.6021, 69.4530, 90.7541** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **45.0934, 33.0123, 21.4497**, and the grayscale version is **55.1604, 58.0330, 63.1980**.

A 20% lighter version of the original color is **72.4004, 88.3237, 107.8400**, and **25.9819, 36.3607, 49.3650** is the 20% darker color. If you saturate the color by 10%, you get **49.6320, 67.7531, 90.5838**, and if you desaturate by 10%, it is **56.3875, 71.5768, 90.9657**.

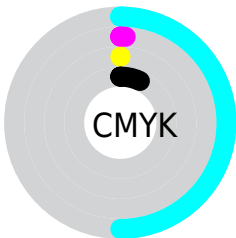
Distribution



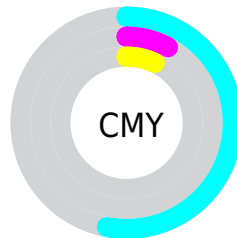
- Red (47%)
- Green (92%)
- Blue (93%)



- Red (47%)
- Yellow (69%)
- Blue (93%)



- Cyan (50%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)





- Cyan (53%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6021, 69.4530, 90.7541 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 52.6021, 69.4530, 90.7541 by changing the saturation by 10% instead.


 52.6021, 69.4530,
90.7541


 52.6021, 69.4530,
90.7541


387.0426,
458.6270, 551.1141


 37.7114, 51.0807,
68.0290


 93.1876, 118.4284,
150.3301

 25.9350, 36.2729,
49.4545


 119.6131,
149.8002, 188.0181

 16.9074, 24.6450,
34.6120


 150.6143,
186.2741, 231.5308

 10.2634, 15.8128,
23.0830

186.5565,
228.2343, 281.2868

 5.6376, 9.3918,
14.4489

227.8051,
276.0654, 337.7046

 2.6645, 4.9976,
8.2913

274.7254,

 0.9789, 2.2458,

330.1516, 401.2027

4.1914

327.6827,
390.8773, 472.1997

■ 0.0000, 0.7448,
1.7309

■ 0.0000, 0.0000,
0.3818

■ 52.6021, 69.4530,
90.7541

■ 52.6021, 69.4530,
90.7541

■ 49.6320, 67.7531,
90.5838

■ 56.3875, 71.5768,
90.9657

■ 47.4096, 66.4374,
90.4469

■ 61.0370, 74.1449,
91.2164

■ 45.8667, 65.4724,
90.3420

■ 66.6032, 77.1858,
91.5100

■ 44.9198, 64.8151,
90.2650

■ 73.1323, 80.7236,
91.8487

■ 44.4308, 64.3942,
90.2096

■ 80.6676, 84.7805,
92.2346

■ 44.4221, 64.3861,
90.2085

■ 86.9297, 88.1814,
92.5610

■ 87.0463, 88.4145,
92.5999

■ 87.1631, 88.6482,
92.6388

■ 87.2802, 88.8824,
92.6778

Harmonies

Analogous

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



52.1320, 69.4530, 67.5683



52.6021, 69.4530, 90.7541



56.4908, 69.4530, 113.6432

Triad

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



52.6021, 69.4530, 90.7541



78.2154, 69.4530, 108.1045



68.9747, 69.4530, 40.3102

Complementary

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



52.6021, 69.4530, 90.7541



45.0934, 33.0123, 21.4497

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.



76.5493, 69.4530, 47.1967



52.6021, 69.4530, 90.7541



82.1621, 69.4530, 84.2926

Square

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



52.6021, 69.4530, 90.7541



71.1043, 69.4530, 124.9657



81.5291, 69.4530, 62.2739



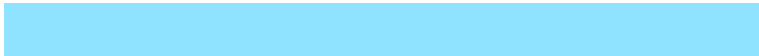
61.1707, 69.4530, 41.3519

Rectangle

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



52.6021, 69.4530, 90.7541



60.6865, 69.4530, 124.2230



81.5291, 69.4530, 62.2739



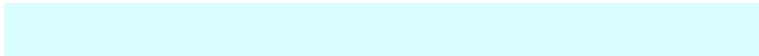
71.6424, 69.4530, 41.7090

Sweetspot

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



52.6042, 69.4557, 90.7557



82.1448, 93.0409, 108.2369



41.3426, 65.8714, 28.6156



17.2402, 19.7290, 23.1494



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.



52.6042, 69.4557, 90.7557



58.4687, 79.9231, 106.9528



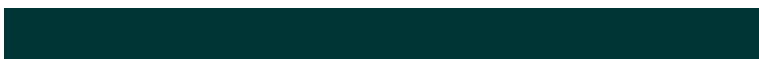
38.4273, 41.1019, 86.0301



15.4945, 17.0755, 19.4015



24.2630, 35.1730, 49.2532



1.9122, 2.7759, 3.8699

Inverse Universe

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



56.5190, 37.1981, 82.8012



63.6271, 37.8170, 96.3821



54.5709, 51.9672, 24.6089



15.7032, 15.3091, 18.9882



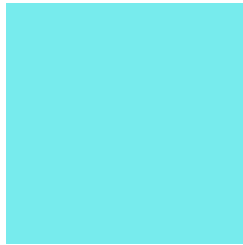
27.1021, 13.0435, 43.2006



2.1317, 1.0256, 3.4109

Previews

White Background



This preview shows how the XYZ color 52.6021, 69.4530, 90.7541 looks on a white background.

Color Contrast Check

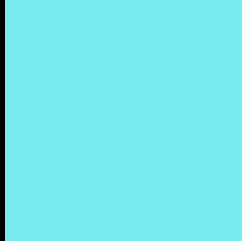
Large Text (above 18pt) WCAG AA × Fail

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 52.6021, 69.4530, 90.7541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

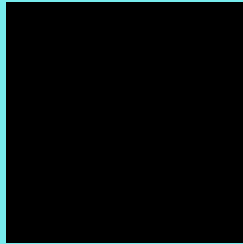
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6021, 69.4530, 90.7541

Background



This preview shows how black text looks on a background with the XYZ color 52.6021, 69.4530, 90.7541.

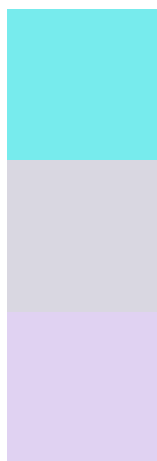


This preview shows how white text looks on a background with the XYZ color 52.6021, 69.4530,

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

52.6021, 69.4530, 90.7541

Protanopia

66.5063, 68.7888, 81.0065

Deuteranopia

69.8141, 68.3513, 93.5179



Tritanopia

55.0218, 69.5912, 102.6279

Trichromacy



Original Color

52.6021, 69.4530, 90.7541



Protanomaly

59.3202, 67.7235, 84.0742



Deuteranomaly

61.3094, 67.3934, 92.2150



Tritanomaly

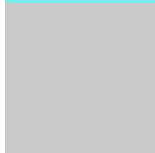
54.2374, 69.6986, 98.5903

Monochromacy



Original Color

52.6021, 69.4530, 90.7541



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

52.7264, 61.1015, 72.6331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6021, 69.4530, 90.7541 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(119, 235, 237)` looks like.

```
.text, #text, p{  
    color:rgb(119, 235, 237)  
}
```

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(119, 235, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 235, 237) }
```

Border

The CSS property to change the border of an element to XYZ 52.6021, 69.4530, 90.7541 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(119, 235, 237) }
```


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

```
.border{ border-color:rgb(119, 235, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 235, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 235, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 235, 237);  
box-shadow:4px 4px 4px 4px rgb(119, 235,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6021, 69.4530, 90.7541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 235, 237) }
```

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

```
.background{ background-color: rgb(119,  
235, 237) }
```

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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