

Converting Colors

XYZ(44.6096, 60.8961, 67.1606)

Have a look what the booklet for
XYZ(44.6096, 60.8961, 67.1606)
contains.

XYZ(44.6096, 60.8961, 67.1606)	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(44.6096, 60.8961,
67.1606)**

Conversions

Conversions Part 1

Format	Color
Hex	74DFCD
RGB	116, 223, 205
RGB Percent	45%, 87%, 80%
CMY	0.5451, 0.1255, 0.1961
CMYK	0.48, 0.00, 0.08, 0.13
HSL	170°, 63%, 66%
HSV	170°, 48%, 87%
XYZ	44.6096, 60.8961, 67.1606
YIQ	188.9550, -57.9940, -28.2820

Conversions

Conversions Part 2

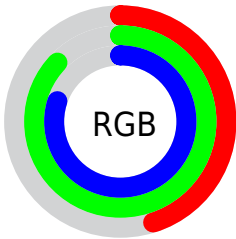
Format	Color
RYB	116, 174, 223
Decimal	7659469
CIELab	82.32, -35.24, -0.73
CIELCh	82, 35.245, 181.180
Yxy	60.8961, 0.2584, 0.3527
Android (android.graphics.Color)	4285849549 (0xFF74DFCD)
YUV	188.9550, 7.9102, -63.9815
Hunter-Lab	78.0360, -34.5226, 3.5980

Details

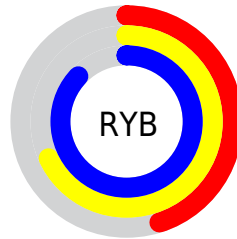
The XYZ color **44.6096, 60.8961, 67.1606** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **40.9820, 29.9017, 26.1682**, and the grayscale version is **48.3255, 50.8422, 55.3672**.

A 20% lighter version of the original color is **71.2656, 87.7387, 107.7869**, and **20.9802, 30.6840, 34.0950** is the 20% darker color. If you saturate the color by 10%, you get **41.5465, 59.3702, 64.6824**, and if you desaturate by 10%, it is **48.3985, 62.7979, 69.7321**.

Distribution



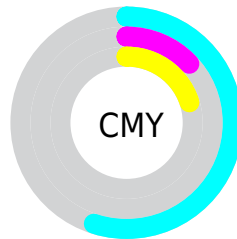
- Red (45%)
- Green (87%)
- Blue (80%)



- Red (45%)
- Yellow (68%)
- Blue (87%)



- Cyan (48%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (55%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.6096, 60.8961, 67.1606 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 44.6096, 60.8961, 67.1606 by changing the saturation by 10% instead.

■ 44.6096, 60.8961,
67.1606

■ 44.6096, 60.8961,
67.1606

356.0005,
427.8929, 469.0333

■ 31.3500, 44.1413,
48.7527

■ 81.3749, 106.1285,
116.7933

■ 21.0186, 30.7816,
34.0592

■ 105.6114,
135.3749, 148.8553

■ 13.2502, 20.4326,
22.6613

■ 134.2375,
169.5539, 186.3057

■ 7.6792, 12.7099,
14.1407

167.6186,
209.0500, 229.5631

■ 3.9405, 7.2291,
8.0787

206.1202,
254.2476, 279.0460

■ 1.6685, 3.6058,
4.0569

250.1074,

■ 0.4364, 1.4556,

305.5310, 335.1730

1.6566

299.9457,
363.2847, 398.3625

■ 0.0000, 0.2572,
0.3307

■ 0.0000, 0.0000,
0.0000

■ 44.6096, 60.8961,
67.1606

■ 44.6096, 60.8961,
67.1606

■ 41.5465, 59.3702,
64.6824

■ 48.3985, 62.7979,
69.7321

■ 39.1521, 58.1863,
62.2905


■ 52.9547, 65.0925,
72.3953


■ 37.3694, 57.3165,
59.9831


■ 58.3226, 67.8042,
75.1540


■ 36.1291, 56.7251,
57.7567


■ 64.5418, 70.9536,
78.0103


 35.3337, 56.3619,
55.6061


 71.6493, 74.5595,
80.9665

 35.1969, 56.3006,
55.1797

 79.6798, 78.6400,
84.0244

 82.0899, 79.8219,
86.8783

 82.6265, 80.0365,
89.7038

 83.1745, 80.2557,
92.5895

Harmonies

Analogous

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



46.1275, 60.8961, 48.3004



44.6096, 60.8961, 67.1606



46.3835, 60.8961, 90.1042

Triad

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



44.6096, 60.8961, 67.1606



65.6826, 60.8961, 108.3549



65.1240, 60.8961, 36.2710

Complementary

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



44.6096, 60.8961, 67.1606



40.9820, 29.9017, 26.1682

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.



71.1344, 60.8961, 47.1162



44.6096, 60.8961, 67.1606



71.4760, 60.8961, 88.3069

Square

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



44.6096, 60.8961, 67.1606



58.1777, 60.8961, 116.8436



73.5511, 60.8961, 65.4577



57.5831, 60.8961, 32.9569

Rectangle

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



44.6096, 60.8961, 67.1606



49.2912, 60.8961, 104.0283



73.5511, 60.8961, 65.4577



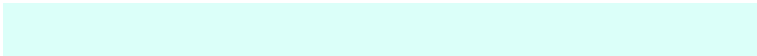
67.4125, 60.8961, 39.0215

Sweetspot

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



44.6113, 60.8985, 67.1620



82.1617, 93.4658, 103.3277



39.6332, 59.2409, 25.8701



17.2060, 19.8132, 21.9377



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.



44.6113, 60.8985, 67.1620



56.1348, 80.3717, 87.5036



38.7464, 45.4883, 76.5526



14.0124, 15.5307, 17.1003



20.7309, 33.1172, 32.6357



1.4636, 2.3061, 2.4022

Inverse Universe

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



40.9820, 29.9017, 26.1682



50.6718, 33.4617, 25.6119



44.4736, 38.7264, 21.6552



13.8009, 13.7380, 14.7215



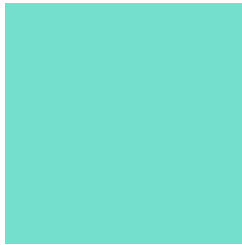
18.1225, 9.3160, 2.0449



1.2849, 0.6572, 0.2932

Previews

White Background



This preview shows how the XYZ color 44.6096, 60.8961, 67.1606 looks on a white background.

Color Contrast Check

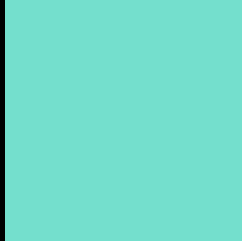
Large Text (above 18pt) WCAG AA × Fail

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 44.6096, 60.8961, 67.1606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

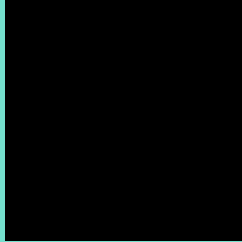
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

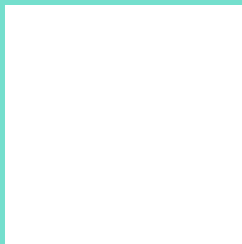
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.6096, 60.8961, 67.1606

Background



This preview shows how black text looks on a background with the XYZ color 44.6096, 60.8961, 67.1606.

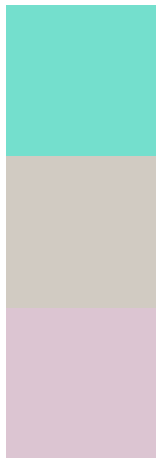


This preview shows how white text looks on a background with the XYZ color 44.6096, 60.8961,

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

44.6096, 60.8961, 67.1606

Protanopia

57.3880, 60.1622, 59.6267

Deuteranopia

61.1143, 59.8013, 69.2945



Tritanopia

48.6692, 60.5589, 88.4808

Trichromacy



Original Color

44.6096, 60.8961, 67.1606



Protanomaly

50.9188, 59.2844, 62.1854



Deuteranomaly

52.7479, 58.6418, 68.2134



Tritanomaly

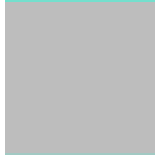
47.2098, 60.7602, 80.4738

Monochromacy



Original Color

44.6096, 60.8961, 67.1606



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

45.6373, 53.3948, 59.5306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.6096, 60.8961, 67.1606 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(116, 223, 205)` looks like.

```
.text, #text, p{  
    color:rgb(116, 223, 205)  
}
```

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(116, 223, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 223, 205) }
```

Border

The CSS property to change the border of an element to XYZ 44.6096, 60.8961, 67.1606 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(116, 223, 205) }
```


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

```
.border{ border-color:rgb(116, 223, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 223, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 223, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 223, 205);  
box-shadow:4px 4px 4px 4px rgb(116, 223,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 44.6096, 60.8961, 67.1606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 223, 205) }
```

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

```
.background{ background-color: rgb(116,  
223, 205) }
```

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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