

Converting Colors

XYZ(35.3797, 41.6938, 60.5858)

Have a look what the booklet for
XYZ(35.3797, 41.6938, 60.5858)
contains.

XYZ(35.4066, 41.5779, 60.8028)	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(35.4066, 41.5779,
60.8028)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB5C8
RGB	125, 181, 200
RGB Percent	49%, 71%, 78%
CMY	0.5098, 0.2902, 0.2157
CMYK	0.37, 0.09, 0.00, 0.22
HSL	195°, 41%, 64%
HSV	195°, 37%, 78%
XYZ	35.4066, 41.5779, 60.8028
YIQ	166.4220, -39.4750, -5.9630

Conversions

Conversions Part 2

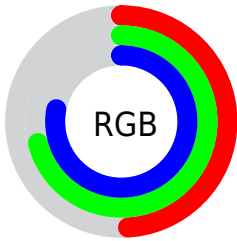
Format	Color
R _{YB}	125, 157, 200
Decimal	8238536
CIE Lab	70.58, -13.42, -15.42
CIE LCh	71, 20.444, 228.971
Yxy	41.5779, 0.2570, 0.3018
Android (android.graphics.Color)	4286428616 (0xFF7DB5C8)
YUV	166.4220, 16.5540, -36.3271
Hunter-Lab	64.4809, -14.8269, -10.7713

Details

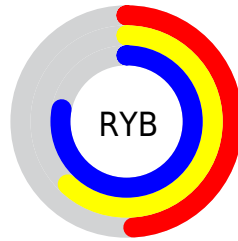
The XYZ color **35.4066, 41.5779, 60.8028** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.4949, 33.7069, 23.9328**, and the grayscale version is **36.3868, 38.2817, 41.6888**.

A 20% lighter version of the original color is **67.1566, 77.4917, 106.0256**, and **15.5800, 18.8914, 30.0194** is the 20% darker color. If you saturate the color by 10%, you get **31.7645, 38.1997, 60.3434**, and if you desaturate by 10%, it is **39.6766, 45.3374, 61.3041**.

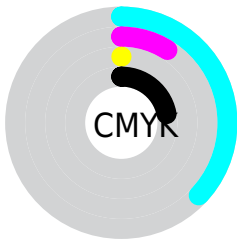
Distribution



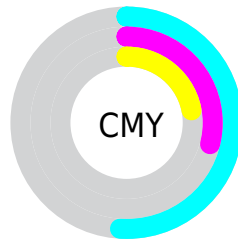
- Red (49%)
- Green (71%)
- Blue (78%)



- Red (49%)
- Yellow (62%)
- Blue (78%)



- Cyan (37%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (51%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4066, 41.5779, 60.8028 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 35.4066, 41.5779, 60.8028 by changing the saturation by 10% instead.

■ 35.4066, 41.5779,
60.8028

■ 35.4066, 41.5779,
60.8028

317.8361,
352.7302, 445.4371

■ 24.1442, 28.7709,
43.6365

■ 67.4451, 77.5604,
107.5481

■ 15.5660, 18.9076,
30.0498

■ 88.9519, 101.5047,
137.9642

■ 9.3064, 11.6035,
19.6240

■ 114.6042,
129.9302, 173.6340

■ 5.0003, 6.4743,
11.9407

144.7674,
163.2214, 214.9760

■ 2.2822, 3.1356,
6.5812

179.8068,
201.7626, 262.4088

■ 0.7855, 1.2029,
3.1272

220.0878,

■ 0.0000, 0.0641,

245.9382, 316.3509

1.1599

265.9758,
296.1326, 377.2208

■ 0.0000, 0.0000,
0.0000

■ 35.4066, 41.5779,
60.8028

■ 35.4066, 41.5779,
60.8028

■ 31.7645, 38.1997,
60.3434

■ 39.6766, 45.3374,
61.3041

■ 28.7106, 35.1788,
59.9213

■ 44.6036, 49.4907,
61.8461

■ 26.2064, 32.4957,
59.5354

■ 50.2193, 54.0559,
62.4313

■ 24.2070, 30.1267,
59.1835

■ 56.5524, 59.0482,
63.0611

■ 22.6600, 28.0441,
58.8631

■ 63.6297, 64.4821,
63.7369

■ 21.4914, 26.2092,
58.5705

■ 71.4767, 70.3711,
64.4601

■ 21.2267, 25.7726,
58.5002

■ 76.3411, 74.7814,
65.0550

■ 77.6629, 77.4250,
65.4956

■ 79.0250, 80.1493,
65.9496

Harmonies

Analogous

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



33.6892, 41.5779, 51.5914



35.4066, 41.5779, 60.8028



38.2890, 41.5779, 66.0925

Triad

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



35.4066, 41.5779, 60.8028



46.2423, 41.5779, 48.9237



37.4445, 41.5779, 29.8609

Complementary

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



35.4066, 41.5779, 60.8028



37.4949, 33.7069, 23.9328

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.



40.7741, 41.5779, 29.3585



35.4066, 41.5779, 60.8028



45.9842, 41.5779, 39.4896

Square

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



35.4066, 41.5779, 60.8028



44.6233, 41.5779, 58.6120



43.9371, 41.5779, 32.6392



34.8187, 41.5779, 34.1260

Rectangle

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



35.4066, 41.5779, 60.8028



40.5400, 41.5779, 66.2419



43.9371, 41.5779, 32.6392



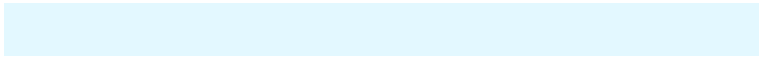
38.5144, 41.5779, 29.2717

Sweetspot

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



35.4079, 41.5795, 60.8038



83.2478, 90.6128, 107.7101



34.1275, 47.6753, 33.6899



17.5300, 19.1608, 23.0244



0.0000, 0.0000, 0.0000



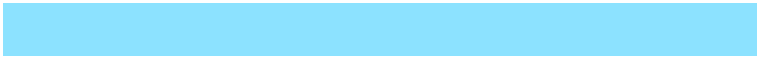
20.3446, 21.4041, 23.3091

Same Dimension

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



35.4079, 41.5795, 60.8038



56.0855, 67.1735, 104.6175



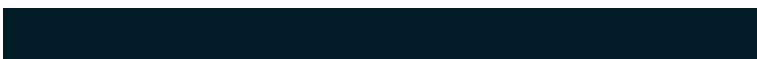
28.8191, 28.4019, 58.6075



10.7105, 11.5950, 13.5910



13.5712, 16.5363, 37.2209



0.6980, 0.8938, 1.7809

Inverse Universe

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



39.4945, 30.2838, 47.4817



64.3729, 45.5766, 77.3076



44.0966, 46.9104, 26.1334



10.9639, 10.7689, 12.7931



18.6494, 9.2093, 19.1616



0.9110, 0.4472, 1.0545

Previews

White Background



This preview shows how the XYZ color 35.4066, 41.5779, 60.8028 looks on a white background.

Color Contrast Check

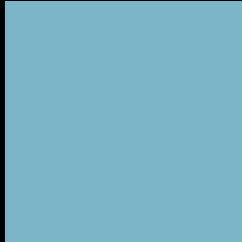
Large Text (above 18pt) WCAG AA × Fail

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 35.4066, 41.5779, 60.8028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

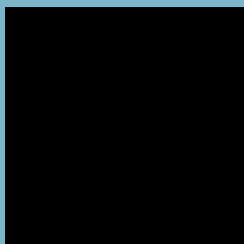
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

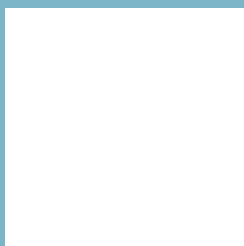
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4066, 41.5779, 60.8028

Background



This preview shows how black text looks on a background with the XYZ color 35.4066, 41.5779, 60.8028.



This preview shows how white text looks on a background with the XYZ color 35.4066, 41.5779,

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

35.4066, 41.5779, 60.8028

Protanopia

40.5507, 41.4111, 56.3080

Deuteranopia

42.2377, 41.3157, 62.2485



Tritanopia

35.0039, 41.7265, 58.4337

Trichromacy



Original Color

35.4066, 41.5779, 60.8028

Protanomaly

38.4306, 41.4178, 58.1935

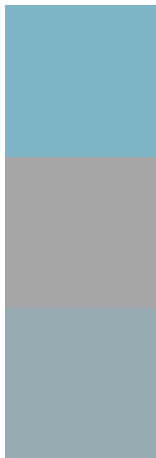
Deuteranomaly

39.3145, 41.2193, 61.7611

Tritanomaly

35.1182, 41.7722, 59.0352

Monochromacy



Original Color

35.4066, 41.5779, 60.8028

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.3613, 38.9195, 47.7680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4066, 41.5779, 60.8028 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(125, 181, 200)` looks like.

```
.text, #text, p{  
    color:rgb(125, 181, 200)  
}
```

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(125, 181, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 181, 200) }
```

Border

The CSS property to change the border of an element to XYZ 35.4066, 41.5779, 60.8028 is called "border". The border property can be set on classes, ids or directly on the HTML element.

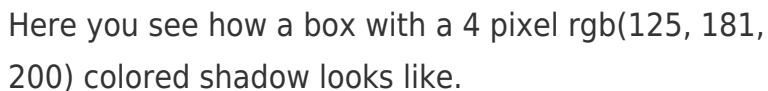
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 181, 200) }
```


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

```
.border{ border-color:rgb(125, 181, 200) }
```

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



Here you see how a box with a 4 pixel `rgb(125, 181, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 181, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 181, 200);  
box-shadow:4px 4px 4px 4px rgb(125, 181,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4066, 41.5779, 60.8028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 181, 200) }
```

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

```
.background{ background-color: rgb(125,  
181, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor