

Converting Colors

XYZ(35.7262, 41.5744, 60.9794)

Have a look what the booklet for
XYZ(35.7262, 41.5744, 60.9794)
contains.

XYZ(35.6487, 41.4018, 60.7561)	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(35.6487, 41.4018,
60.7561)**

Conversions

Conversions Part 1

Format	Color
Hex	80B4C8
RGB	128, 180, 200
RGB Percent	50%, 71%, 78%
CMY	0.4980, 0.2941, 0.2157
CMYK	0.36, 0.10, 0.00, 0.22
HSL	197°, 40%, 64%
HSV	197°, 36%, 78%
XYZ	35.6487, 41.4018, 60.7561
YIQ	166.7320, -37.4120, -4.8040

Conversions

Conversions Part 2

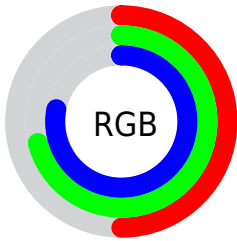
Format	Color
RYB	128, 158, 200
Decimal	8434888
CIELab	70.46, -12.07, -15.59
CIElCh	70, 19.720, 232.245
Yxy	41.4018, 0.2587, 0.3004
Android (android.graphics.Color)	4286624968 (0xFF80B4C8)
YUV	166.7320, 16.4011, -33.9680
Hunter-Lab	64.3442, -13.7079, -10.9428

Details

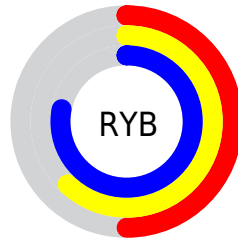
The XYZ color **35.6487, 41.4018, 60.7561** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.3064, 35.0185, 25.1636**, and the grayscale version is **36.5371, 38.4399, 41.8610**.

A 20% lighter version of the original color is **67.5739, 77.2782, 105.9624**, and **15.6793, 18.7499, 29.9868** is the 20% darker color. If you saturate the color by 10%, you get **31.8329, 37.8040, 60.2635**, and if you desaturate by 10%, it is **40.1049, 45.3984, 61.2934**.

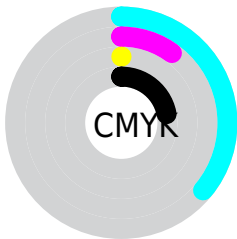
Distribution



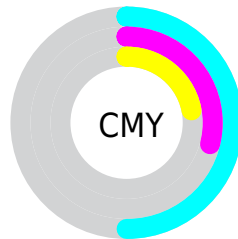
- Red (50%)
- Green (71%)
- Blue (78%)



- Red (50%)
- Yellow (62%)
- Blue (78%)



- Cyan (36%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (50%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6487, 41.4018, 60.7561 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 35.6487, 41.4018, 60.7561 by changing the saturation by 10% instead.

■ 35.6487, 41.4018,
60.7561

■ 35.6487, 41.4018,
60.7561

318.8805,
351.9971, 445.2609

■ 24.3319, 28.6332,
43.5991

■ 67.8169, 77.2935,
107.4798

■ 15.7060, 18.8035,
30.0206

■ 89.3990, 101.1853,
137.8836

■ 9.4059, 11.5284,
19.6020

■ 115.1335,
129.5537, 173.5400

■ 5.0661, 6.4234,
11.9249

145.3859,
162.7829, 214.8676

■ 2.3213, 3.1042,
6.5706

180.5214,
201.2575, 262.2850

■ 0.8055, 1.1864,
3.1207

220.9055,

■ 0.0000, 0.0505,

245.3618, 316.2106

1.1566

266.9034,
295.4802, 377.0631

■ 0.0000, 0.0000,
0.0000

■ 35.6487, 41.4018,
60.7561

■ 35.6487, 41.4018,
60.7561

■ 31.8329, 37.8040,
60.2635

■ 40.1049, 45.3984,
61.2934

■ 28.6183, 34.5810,
59.8108

■ 45.2303, 49.8066,
61.8741

■ 25.9668, 31.7136,
59.3971

■ 51.0566, 54.6443,
62.5008

■ 23.8343, 29.1781,
59.0201

■ 57.6122, 59.9270,
63.1749

■ 22.1695, 26.9473,
58.6772

■ 64.9238, 65.6691,
63.8979

■ 20.9084, 24.9873,
58.3654

■ 73.0169, 71.8845,
64.6710

■ 20.4668, 24.2529,
58.2469

■ 76.9683, 76.0358,
65.2641

■ 78.4409, 78.9811,
65.7550

■ 79.9624, 82.0240,
66.2621

Harmonies

Analogous

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



33.8476, 41.4018, 52.1973



35.6487, 41.4018, 60.7561



38.5142, 41.4018, 65.2325

Triad

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



35.6487, 41.4018, 60.7561



45.8714, 41.4018, 47.5372



37.0333, 41.4018, 30.4647

Complementary

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



35.6487, 41.4018, 60.7561



38.3064, 35.0185, 25.1636

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.



40.2002, 41.4018, 29.5741



35.6487, 41.4018, 60.7561



45.4212, 41.4018, 38.6401

Square

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



35.6487, 41.4018, 60.7561



44.4999, 41.4018, 56.9455



43.3015, 41.4018, 32.3621



34.6158, 41.4018, 34.9882

Rectangle

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



35.6487, 41.4018, 60.7561



40.6910, 41.4018, 64.9217



43.3015, 41.4018, 32.3621



38.0411, 41.4018, 29.7583

Sweetspot

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



35.6500, 41.4034, 60.7571



83.0374, 90.1921, 107.6400



34.8396, 48.0116, 35.1182



17.4796, 19.0602, 23.0077



0.0000, 0.0000, 0.0000



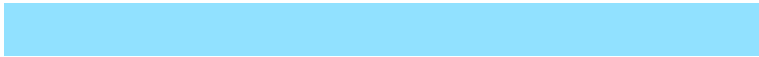
20.3446, 21.4041, 23.3091

Same Dimension

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



35.6500, 41.4034, 60.7571



56.5908, 66.8755, 104.5334



29.4234, 28.9503, 58.6815



10.6881, 11.5502, 13.5836



13.0919, 15.5776, 37.0611



0.6785, 0.8548, 1.7744

Inverse Universe

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



39.7779, 31.0142, 47.0715



64.9474, 47.0293, 76.5625



44.6914, 47.7884, 27.2919



10.9526, 10.7644, 12.7335



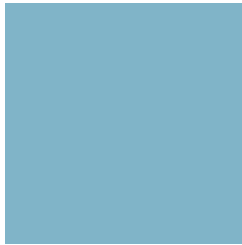
18.4075, 9.1126, 17.8876



0.9012, 0.4433, 1.0027

Previews

White Background



This preview shows how the XYZ color 35.6487, 41.4018, 60.7561 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 35.6487, 41.4018, 60.7561 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 35.6487, 41.4018, 60.7561

Background



This preview shows how black text looks on a background with the XYZ color 35.6487, 41.4018, 60.7561.



This preview shows how white text looks on a background with the XYZ color 35.6487, 41.4018,

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

35.6487, 41.4018, 60.7561

Protanopia

40.2608, 40.9693, 56.8248

Deuteranopia

42.0157, 41.2013, 62.2381



Tritanopia

35.1266, 41.4999, 57.7887

Trichromacy



Original Color

35.6487, 41.4018, 60.7561

Protanomaly

38.2367, 41.0299, 58.1288

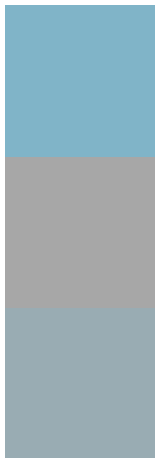
Deuteranomaly

39.3178, 40.9374, 61.7066

Tritanomaly

35.3543, 41.5910, 58.9878

Monochromacy



Original Color

35.6487, 41.4018, 60.7561

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.0261, 39.5320, 48.3795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6487, 41.4018, 60.7561 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(128, 180, 200)` looks like.

```
.text, #text, p{  
    color:rgb(128, 180, 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(128, 180, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 180, 200) }
```

Border

The CSS property to change the border of an element to XYZ 35.6487, 41.4018, 60.7561 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(128, 180, 200) }
```


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

```
.border{ border-color:rgb(128, 180, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 180, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 180, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 180, 200);  
box-shadow:4px 4px 4px 4px rgb(128, 180,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6487, 41.4018, 60.7561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 180, 200) }
```

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

```
.background{ background-color: rgb(128,  
180, 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](#).

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