

Converting Colors

XYZ(31.4665, 35.5378, 62.1035)

Have a look what the booklet for
XYZ(31.4665, 35.5378, 62.1035)
contains.

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Color

**XYZ(31.5279, 35.5078,
62.3187)**

Conversions

Conversions Part 1

Format	Color
Hex	71A7CC
RGB	113, 167, 204
RGB Percent	44%, 65%, 80%
CMY	0.5568, 0.3451, 0.2000
CMYK	0.45, 0.18, 0.00, 0.20
HSL	204°, 47%, 62%
HSV	204°, 45%, 80%
XYZ	31.5279, 35.5078, 62.3187
YIQ	155.0720, -44.0610, 0.0590

Conversions

Conversions Part 2

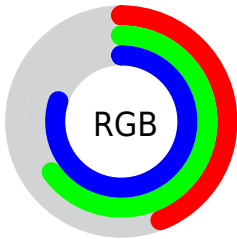
Format	Color
R _Y B	113, 147, 204
Decimal	7448524
CIE Lab	66.14, -7.94, -24.43
CIE LCh	66, 25.689, 251.986
Yxy	35.5078, 0.2437, 0.2745
Android (android.graphics.Color)	4285638604 (0xFF71A7CC)
YUV	155.0720, 24.1215, -36.8971
Hunter-Lab	59.5884, -9.8364, -20.2947

Details

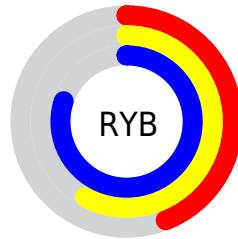
The XYZ color **31.5279, 35.5078, 62.3187** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **38.7898, 35.8434, 20.4981**, and the grayscale version is **31.0992, 32.7188, 35.6308**.

A 20% lighter version of the original color is **60.5335, 67.8976, 104.5228**, and **13.3807, 15.3630, 31.1143** is the 20% darker color. If you saturate the color by 10%, you get **27.7215, 31.3623, 61.7198**, and if you desaturate by 10%, it is **36.0240, 40.1550, 62.9794**.

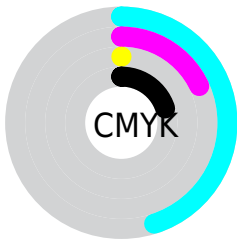
Distribution



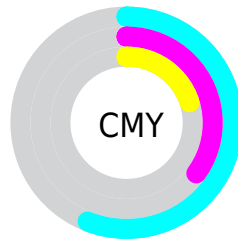
- Red (44%)
- Green (65%)
- Blue (80%)



- Red (44%)
- Yellow (58%)
- Blue (80%)



- Cyan (45%)
- Magenta (18%)
- Yellow (0%)
- Black (20%)



- Cyan (56%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5279, 35.5078, 62.3187 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 31.5279, 35.5078, 62.3187 by changing the saturation by 10% instead.

■ 31.5279, 35.5078,
62.3187

■ 31.5279, 35.5078,
62.3187

300.7467,
326.8041, 451.1324

■ 21.1550, 24.0543,
44.8528

■ 61.4405, 68.2717,
109.7621

■ 13.3504, 15.3739,
30.9994

■ 81.7108, 90.3509,
140.5766

■ 7.7489, 9.0822,
20.3399

■ 106.0109,
116.7407, 176.6778

■ 3.9852, 4.7949,
12.4559

134.7063,
147.8257, 218.4842

■ 1.6938, 2.1274,
6.9286

168.1622,
183.9901, 266.4143

■ 0.4524, 0.6800,
3.3397

206.7440,

■ 0.0000, 0.0000,

225.6184, 320.8867

1.2706

250.8170,
273.0949, 382.3199

■ 0.0000, 0.0000,
0.0375

■ 0.0000, 0.0000,
0.0000

■ 31.5279, 35.5078,
62.3187

■ 31.5279, 35.5078,
62.3187

■ 27.7215, 31.3623,
61.7198

■ 36.0240, 40.1550,
62.9794

■ 24.5595, 27.6903,
61.1777

■ 41.2443, 45.3221,
63.7016

■ 21.9961, 24.4661,
60.6905

■ 47.2251, 51.0312,
64.4883

■ 19.9774, 21.6591,
60.2551

■ 53.9990, 57.3015,
65.3416

■ 18.4382, 19.2328,
59.8678

■ 61.5969, 64.1513,
66.2633

■ 17.7434, 18.0481,
59.6758

■ 70.0475, 71.5979,
67.2552

■ 79.0817, 79.5047,
68.3052

■ 81.3797, 84.1007,
69.0712

■ 83.7881, 88.9175,
69.8740

Harmonies

Analogous

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



28.5779, 35.5078, 54.5123



31.5279, 35.5078, 62.3187



35.2977, 35.5078, 63.1093

Triad

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



31.5279, 35.5078, 62.3187



41.4570, 35.5078, 34.4555



29.0697, 35.5078, 25.0375

Complementary

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



31.5279, 35.5078, 62.3187



38.7898, 35.8434, 20.4981

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.



32.2464, 35.5078, 21.5177



31.5279, 35.5078, 62.3187



39.5093, 35.5078, 26.2270

Square

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



31.5279, 35.5078, 62.3187



41.2281, 35.5078, 45.5400



36.0722, 35.5078, 21.9075



27.2341, 35.5078, 32.5139

Rectangle

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



31.5279, 35.5078, 62.3187



37.7918, 35.5078, 59.3925



36.0722, 35.5078, 21.9075



30.0055, 35.5078, 23.4221

Sweetspot

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



31.5291, 35.5091, 62.3195



79.7382, 85.9457, 106.9943



33.8608, 48.8800, 36.2529



16.5602, 17.9200, 22.8360



0.0000, 0.0000, 0.0000



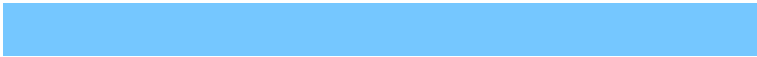
20.3446, 21.4041, 23.3091

Same Dimension

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



31.5291, 35.5091, 62.3195



45.8528, 51.8754, 102.2040



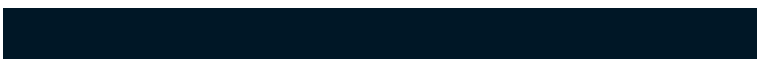
24.6822, 21.8153, 60.0372



11.1459, 11.9322, 14.2861



11.2613, 11.5465, 37.5914



0.6543, 0.7424, 1.9638

Inverse Universe

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



37.7830, 27.4389, 39.8654



57.9466, 38.1767, 58.3553



47.3760, 53.0159, 23.3602



11.4870, 11.3235, 13.0991



17.8951, 8.9686, 12.4320



0.9602, 0.4775, 0.8364

Previews

White Background



This preview shows how the XYZ color 31.5279, 35.5078, 62.3187 looks on a white background.

Color Contrast Check

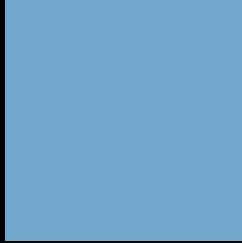
Large Text (above 18pt) WCAG AA × Fail

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 31.5279, 35.5078, 62.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

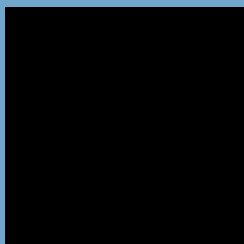
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

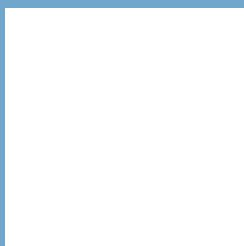
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.5279, 35.5078, 62.3187

Background



This preview shows how black text looks on a background with the XYZ color 31.5279, 35.5078, 62.3187.



This preview shows how white text looks on a background with the XYZ color 31.5279, 35.5078,

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

31.5279, 35.5078, 62.3187

Protanopia

35.3537, 35.4528, 58.4058

Deuteranopia

35.9600, 35.1495, 63.2817



Tritanopia

29.0899, 35.3359, 50.6347

Trichromacy



Original Color

31.5279, 35.5078, 62.3187

Protanomaly

33.6622, 35.3292, 59.6886

Deuteranomaly

34.0808, 35.2159, 62.7587

Tritanomaly

29.8986, 35.3887, 54.5451

Monochromacy



Original Color

31.5279, 35.5078, 62.3187

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.7562, 33.3889, 44.3588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5279, 35.5078, 62.3187 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(113, 167, 204)` looks like.

```
.text, #text, p{  
    color:rgb(113, 167, 204)  
}
```

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(113, 167, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 167, 204) }
```

Border

The CSS property to change the border of an element to XYZ 31.5279, 35.5078, 62.3187 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(113, 167, 204) }
```


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

```
.border{ border-color:rgb(113, 167, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 167, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 167, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 167, 204);  
box-shadow:4px 4px 4px 4px rgb(113, 167,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5279, 35.5078, 62.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 167, 204) }
```

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

```
.background{ background-color: rgb(113,  
167, 204) }
```

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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