

Converting Colors

XYZ(6.1115, 5.5639, 14.6621)

Have a look what the booklet for
XYZ(6.1115, 5.5639, 14.6621)
contains.

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Color

**XYZ(6.1181, 5.5691,
14.6624)**

Conversions

Conversions Part 1

Format	Color
Hex	38406B
RGB	56, 64, 107
RGB Percent	22%, 25%, 42%
CMY	0.7804, 0.7490, 0.5804
CMYK	0.48, 0.40, 0.00, 0.58
HSL	231°, 31%, 32%
HSV	231°, 48%, 42%
XYZ	6.1181, 5.5691, 14.6624
YIQ	66.5100, -18.5710, 11.6770

Conversions

Conversions Part 2

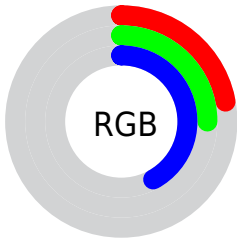
Format	Color
R_{YB}	56, 63, 107
Decimal	3686507
CIE Lab	28.30, 9.44, -26.14
CIE LCh	28, 27.790, 289.865
Yxy	5.5691, 0.2322, 0.2114
Android (android.graphics.Color)	4281876587 (0xFF38406B)
YUV	66.5100, 19.9616, -9.2173
Hunter-Lab	23.5989, 4.9785, -20.3186

Details

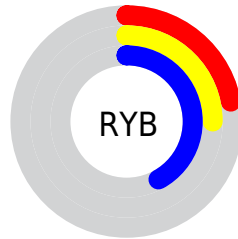
The XYZ color **6.1181, 5.5691, 14.6624** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **11.2392, 12.3351, 5.5301**, and the grayscale version is **5.2300, 5.5023, 5.9920**.

A 20% lighter version of the original color is **17.9960, 17.1557, 35.1638**, and **1.1264, 0.9154, 4.2550** is the 20% darker color. If you saturate the color by 10%, you get **5.1146, 4.3568, 14.4814**, and if you desaturate by 10%, it is **7.3322, 7.0124, 14.8771**.

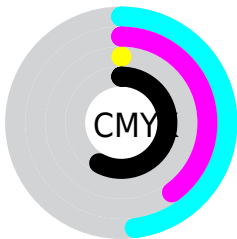
Distribution



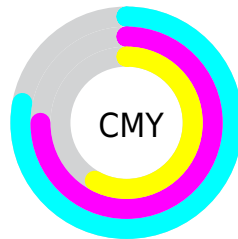
- Red (22%)
- Green (25%)
- Blue (42%)



- Red (22%)
- Yellow (25%)
- Blue (42%)



- Cyan (48%)
- Magenta (40%)
- Yellow (0%)
- Black (58%)



- Cyan (78%)
- Magenta (75%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 6.1181, 5.5691, 14.6624 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 6.1181, 5.5691, 14.6624 by changing the saturation by 10% instead.

6.1181, 5.5691,
14.6624

6.1181, 5.5691,
14.6624

154.8310,
155.1804, 232.8836

2.9584, 2.5849,
8.4388

17.8984, 17.0303,
34.9937

1.1318, 0.9191,
4.2852

27.2497, 26.2761,
49.9385

0.0515, 0.0000,
1.7831

39.3956, 38.3779,
68.6275

0.0000, 0.0000,
0.4168

54.7014, 53.7201,
91.4792

0.0000, 0.0000,
0.0000

73.5325, 72.6870,
118.9121

96.2542, 95.6631,

151.3447

123.2319,
123.0328, 189.1957

■ 6.1181, 5.5691,
14.6624

■ 6.1181, 5.5691,
14.6624

■ 5.1146, 4.3568,
14.4814

■ 7.3322, 7.0124,
14.8771

■ 4.3089, 3.3627,
14.3320

■ 8.7676, 8.6974,
15.1267

■ 3.6878, 2.5737,
14.2124

■ 10.4347, 10.6347,
15.4128

■ 3.2361, 1.9751,
14.1207

■ 12.3434, 12.8342,
15.7367

■ 2.9162, 1.5398,
14.0535

■ 14.5027, 15.3053,
16.0999

■ 2.8510, 1.4558,
14.0408

■ 16.9214, 18.0568,
16.5035

■ 19.6078, 21.0971,
16.9487

■ 22.5697, 24.4345,
17.4368

■ 25.8146, 28.0767,
17.9688

Harmonies

Analogous

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



4.8969, 5.5691, 15.1921



6.1181, 5.5691, 14.6624



7.2641, 5.5691, 11.4094

Triad

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



6.1181, 5.5691, 14.6624



6.9272, 5.5691, 2.2805



3.3285, 5.5691, 4.9720

Complementary

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



6.1181, 5.5691, 14.6624



11.2392, 12.3351, 5.5301

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.



3.7156, 5.5691, 2.7196



6.1181, 5.5691, 14.6624



5.7105, 5.5691, 1.6032

Square

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



6.1181, 5.5691, 14.6624



7.7781, 5.5691, 4.0812



4.5461, 5.5691, 1.7259



3.4035, 5.5691, 8.6026

Rectangle

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



6.1181, 5.5691, 14.6624



7.7732, 5.5691, 8.6396



4.5461, 5.5691, 1.7259



3.4063, 5.5691, 4.0588

Sweetspot

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



6.1183, 5.5693, 14.6625



19.7529, 20.2770, 27.7805



9.1170, 12.2476, 13.5631



4.6470, 4.7532, 6.7013



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



6.1183, 5.5693, 14.6625



9.0068, 7.6162, 25.9031



6.8158, 5.3065, 14.5751



2.9833, 3.0948, 3.8750



3.4514, 1.7371, 17.0756



17.1569, 7.9924, 86.8646

Inverse Universe

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



8.4032, 6.3245, 5.6286



13.6870, 9.3402, 7.3584



10.1881, 12.9747, 5.7090



3.1173, 3.1238, 3.3483



7.4890, 3.8477, 0.9376



37.9428, 19.5191, 3.6356

Previews

White Background



This preview shows how the XYZ color 6.1181, 5.5691, 14.6624 looks on a white 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

Black Background



This preview shows how the XYZ color 6.1181, 5.5691, 14.6624 looks on a black 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

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

XYZ 6.1181, 5.5691, 14.6624

Background



This preview shows how black text looks on a background with the XYZ color 6.1181, 5.5691, 14.6624.

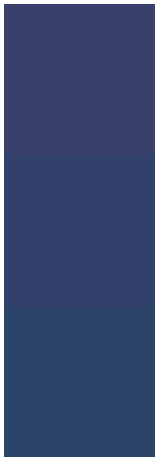


This preview shows how white text looks on a background with the XYZ color 6.1181, 5.5691,

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

6.1181, 5.5691, 14.6624

Protanopia

5.9125, 5.5414, 14.9453

Deuteranopia

5.6474, 5.5904, 14.4171



Tritanopia

4.7300, 5.6326, 7.6754

Trichromacy



Original Color

6.1181, 5.5691, 14.6624

Protanomaly

6.0132, 5.5934, 14.9501

Deuteranomaly

5.7687, 5.5654, 14.4059

Tritanomaly

5.1028, 5.5005, 9.8096

Monochromacy



Original Color

6.1181, 5.5691, 14.6624

Achromatopsia

5.3350, 5.6128, 6.1124

Achromatomaly

5.5211, 5.5624, 8.7653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.1181, 5.5691, 14.6624 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(56, 64, 107) looks like.

```
.text, #text, p{  
    color:rgb(56, 64, 107)  
}
```

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(56, 64, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 64, 107) }
```

Border

The CSS property to change the border of an element to XYZ 6.1181, 5.5691, 14.6624 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(56, 64, 107) }
```


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

```
.border{ border-color:rgb(56, 64, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 64, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 64, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 64, 107);  
box-shadow:4px 4px 4px 4px rgb(56, 64,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 6.1181, 5.5691, 14.6624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 64, 107) }
```

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

```
.background{ background-color: rgb(56, 64,  
107) }
```

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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