

Converting Colors

XYZ(11.4263, 11.7690, 15.3813)

Have a look what the booklet for
XYZ(11.4263, 11.7690, 15.3813)
contains.

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Color

**XYZ(11.4005, 11.7860,
15.3097)**

Conversions

Conversions Part 1

Format	Color
Hex	5E606A
RGB	94, 96, 106
RGB Percent	37%, 38%, 42%
CMY	0.6314, 0.6235, 0.5843
CMYK	0.11, 0.09, 0.00, 0.58
HSL	230°, 6%, 39%
HSV	230°, 11%, 42%
XYZ	11.4005, 11.7860, 15.3097
YIQ	96.5420, -4.4020, 2.6860

Conversions

Conversions Part 2

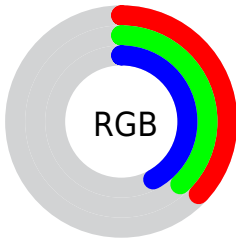
Format	Color
R_{YB}	94, 96, 106
Decimal	6185066
CIE Lab	40.87, 1.44, -5.94
CIE LCh	41, 6.113, 283.604
Yxy	11.7860, 0.2961, 0.3062
Android (android.graphics.Color)	4284375146 (0xFF5E606A)
YUV	96.5420, 4.6628, -2.2293
Hunter-Lab	34.3307, -0.8028, -2.4087

Details

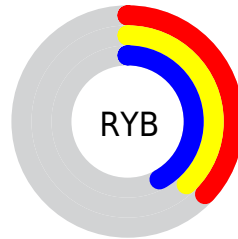
The XYZ color **11.4005, 11.7860, 15.3097** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.9147, 13.7730, 12.5678**, and the grayscale version is **11.2401, 11.8255, 12.8780**.

A 20% lighter version of the original color is **27.8663, 28.9214, 36.0120**, and **3.1489, 3.2253, 4.5943** is the 20% darker color. If you saturate the color by 10%, you get **9.6263, 9.7418, 15.0088**, and if you desaturate by 10%, it is **13.4153, 14.0893, 15.6483**.

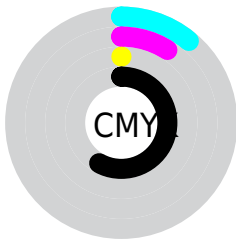
Distribution



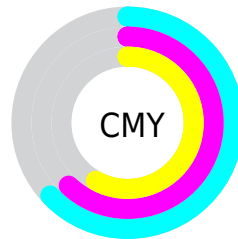
- Red (37%)
- Green (38%)
- Blue (42%)



- Red (37%)
- Yellow (38%)
- Blue (42%)



- Cyan (11%)
- Magenta (9%)
- Yellow (0%)
- Black (58%)



- Cyan (63%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4005, 11.7860, 15.3097 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 11.4005, 11.7860, 15.3097 by changing the saturation by 10% instead.

■ 11.4005, 11.7860,
15.3097

■ 11.4005, 11.7860,
15.3097

194.2471,
202.9834, 236.9382

■ 6.4062, 6.5981,
8.8880

■ 28.0249, 29.1047,
36.1455

■ 3.1366, 3.2121,
4.5724

■ 40.3856, 42.0044,
51.3967

■ 1.2264, 1.2434,
1.9443

■ 55.9325, 58.2435,
70.4282

■ 0.1271, 0.0968,
0.5207

■ 75.0309, 78.2063,
93.6585

■ 0.0000, 0.0000,
0.0000

98.0462, 102.2773,
121.5060

125.3438,

130.8409, 154.3895

157.2890,
164.2815, 192.7274

■ 11.4005, 11.7860,
15.3097

■ 11.4005, 11.7860,
15.3097

■ 9.6263, 9.7418,
15.0088

■ 13.4153, 14.0893,
15.6483

■ 8.0825, 7.9461,
14.7436

■ 15.6782, 16.6589,
16.0250

■ 6.7600, 6.3898,
14.5129

■ 18.1976, 19.5034,
16.4412

■ 5.6485, 5.0626,
14.3153

■ 20.9814, 22.6308,
16.8982

■ 4.7368, 3.9536,
14.1493

■ 24.0368, 26.0485,
17.3968

■ 4.0128, 3.0509,
14.0132

■ 27.3711, 29.7638,
17.9382

■ 3.4630, 2.3412,
13.9052

■ 30.9911, 33.7838,
18.5233

■ 3.0717, 1.8099,
13.8233

■ 34.9034, 38.1152,
19.1532

■ 2.8126, 1.4627,
13.7699

■ 39.1145, 42.7646,
19.8287

Harmonies

Analogous

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



10.9674, 11.7860, 15.2757



11.4005, 11.7860, 15.3097



11.7902, 11.7860, 14.6504

Triad

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



11.4005, 11.7860, 15.3097



11.8201, 11.7860, 11.2479



10.4174, 11.7860, 12.1674

Complementary

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



11.4005, 11.7860, 15.3097



12.9147, 13.7730, 12.5678

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.



10.6342, 11.7860, 11.1724



11.4005, 11.7860, 15.3097



11.4404, 11.7860, 10.6656

Square

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



11.4005, 11.7860, 15.3097



12.0366, 11.7860, 12.2767



11.0063, 11.7860, 10.6389



10.4074, 11.7860, 13.4058

Rectangle

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



11.4005, 11.7860, 15.3097



11.9697, 11.7860, 13.9297



11.0063, 11.7860, 10.6389



10.4683, 11.7860, 11.7953

Sweetspot

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



11.4008, 11.7865, 15.3100



22.8895, 23.9808, 27.3534



12.2589, 13.6834, 15.0387



5.3036, 5.5510, 6.3978



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.4008, 11.7865, 15.3100



19.0093, 19.5373, 26.7002



11.6200, 11.6319, 15.2686



2.9855, 3.0992, 3.8757



3.4710, 1.7762, 17.0822



17.2375, 8.1535, 86.8915

Inverse Universe

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



12.0582, 11.9144, 12.7310



20.4502, 19.8303, 21.0442



12.6768, 13.9529, 12.6151



3.1185, 3.1243, 3.3541



7.4989, 3.8517, 0.9895



37.9835, 19.5353, 3.8497

Previews

White Background



This preview shows how the XYZ color 11.4005, 11.7860, 15.3097 looks on a white background.

Color Contrast Check

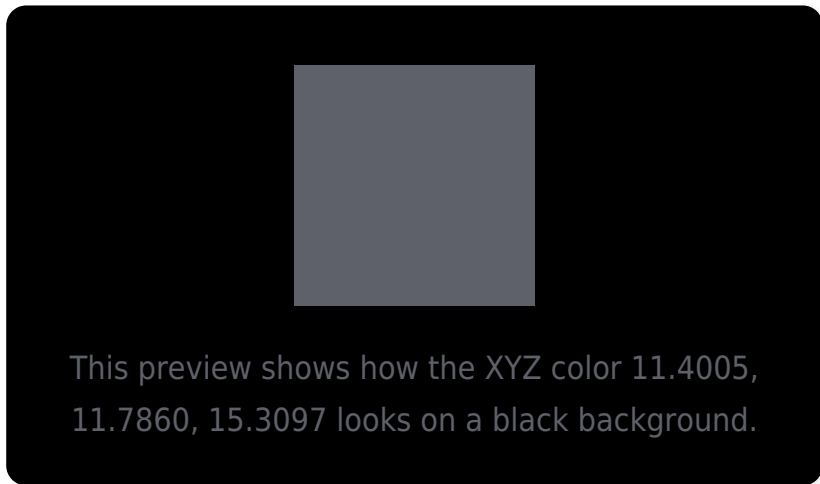
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

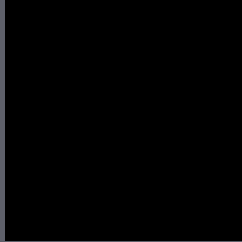
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

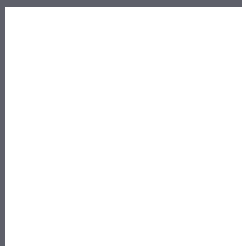
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.4005, 11.7860, 15.3097

Background



This preview shows how black text looks on a background with the XYZ color 11.4005, 11.7860, 15.3097.



This preview shows how white text looks on a background with the XYZ color 11.4005, 11.7860,

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

11.4005, 11.7860, 15.3097

Protanopia

11.5037, 11.8392, 15.3146

Deuteranopia

11.9711, 11.8127, 15.2848



Tritanopia

11.2977, 11.7449, 14.7682

Trichromacy



Original Color

11.4005, 11.7860, 15.3097

Protanomaly

11.5037, 11.8392, 15.3146

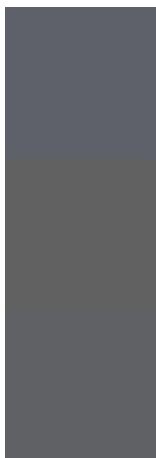
Deuteranomaly

11.7307, 11.8217, 15.2992

Tritanomaly

11.3488, 11.7653, 15.0374

Monochromacy



Original Color

11.4005, 11.7860, 15.3097

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.3988, 11.9563, 13.7636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4005, 11.7860, 15.3097 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(94, 96, 106) looks like.

```
.text, #text, p{  
    color:rgb(94, 96, 106)  
}
```

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(94, 96, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 96, 106) }
```

Border

The CSS property to change the border of an element to XYZ 11.4005, 11.7860, 15.3097 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(94, 96, 106) }
```


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

```
.border{ border-color:rgb(94, 96, 106) }
```

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

Here you see how a box with a 4 pixel rgb(94, 96, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 96, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 96, 106);  
box-shadow:4px 4px 4px 4px rgb(94, 96,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4005, 11.7860, 15.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 96, 106) }
```

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

```
.background{ background-color: rgb(94, 96,  
106) }
```

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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