

Converting Colors

XYZ(11.0737, 13.0860, 21.3442)

Have a look what the booklet for
XYZ(11.0737, 13.0860, 21.3442)
contains.

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Color

**XYZ(11.0737, 13.0860,
21.3442)**

Conversions

Conversions Part 1

Format	Color
Hex	406B7D
RGB	64, 107, 125
RGB Percent	25%, 42%, 49%
CMY	0.7490, 0.5804, 0.5098
CMYK	0.49, 0.14, 0.00, 0.51
HSL	198°, 32%, 37%
HSV	198°, 49%, 49%
XYZ	11.0737, 13.0860, 21.3442
YIQ	96.1950, -31.4060, -3.5180

Conversions

Conversions Part 2

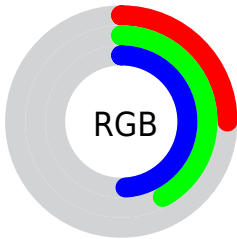
Format	Color
RYB	64, 89, 125
Decimal	4221821
CIELab	42.89, -9.64, -14.64
CIELCh	43, 17.532, 236.635
Yxy	13.0860, 0.2434, 0.2876
Android (android.graphics.Color)	4282411901 (0xFF406B7D)
YUV	96.1950, 14.2009, -28.2350
Hunter-Lab	36.1746, -8.6634, -9.6609

Details

The XYZ color **11.0737, 13.0860, 21.3442** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.4005, 10.7651, 6.2752**, and the grayscale version is **11.1379, 11.7180, 12.7609**.

A 20% lighter version of the original color is **27.4652, 31.3811, 46.7291**, and **3.0080, 3.7987, 7.4122** is the 20% darker color. If you saturate the color by 10%, you get **9.9739, 11.9605, 21.1852**, and if you desaturate by 10%, it is **12.3730, 14.3392, 21.5179**.

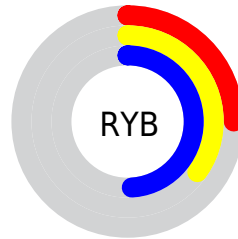
Distribution



Red (25%)

Green (42%)

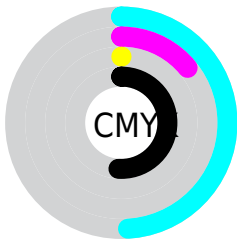
Blue (49%)



Red (25%)

Yellow (35%)

Blue (49%)

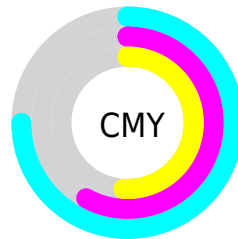


Cyan (49%)

Magenta (14%)

Yellow (0%)

Black (51%)



Cyan (75%)

Magenta (58%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0737, 13.0860, 21.3442 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 11.0737, 13.0860, 21.3442 by changing the saturation by 10% instead.

■ 11.0737, 13.0860,
21.3442

■ 11.0737, 13.0860,
21.3442

■ 192.0703,
211.4681, 271.9430

■ 6.1841, 7.4878,
13.1821

■ 27.4281, 31.4582,
46.5479

■ 2.9991, 3.7690,
7.4219

■ 39.6236, 45.0010,
64.4266

■ 1.1533, 1.5452,
3.6449

■ 54.9851, 61.9607,
86.3813

■ 0.0690, 0.3202,
1.4326

■ 73.8780, 82.7219,
112.8304

■ 0.0000, 0.0000,
0.1670

■ 96.6676, 107.6688,
144.1927

■ 0.0000, 0.0000,
0.0000

123.7193,

137.1859, 180.8865

155.3984,
171.6575, 223.3304

■ 11.0737, 13.0860,
21.3442

■ 11.0737, 13.0860,
21.3442

■ 9.9739, 11.9605,
21.1852

■ 12.3730, 14.3392,
21.5179

■ 9.0598, 10.9546,
21.0392

■ 13.8819, 15.7249,
21.7058

■ 8.3177, 10.0611,
20.9058

■ 15.6114, 17.2492,
21.9088

■ 7.7315, 9.2713,
20.7843

■ 17.5711, 18.9174,
22.1276

■ 7.2563, 8.5620,
20.6724

■ 19.7702, 20.7346,
22.3624

■ 7.2009, 8.4792,
20.6593

■ 22.2174, 22.7054,
22.6138

■ 24.9209, 24.8343,
22.8823

■ 27.8883, 27.1257,
23.1681

■ 31.1273, 29.5837,
23.4719

Harmonies

Analogous

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



10.2735, 13.0860, 17.8199



11.0737, 13.0860, 21.3442



12.2872, 13.0860, 22.9592

Triad

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



11.0737, 13.0860, 21.3442



15.1919, 13.0860, 14.6860



11.3179, 13.0860, 8.6170

Complementary

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



11.0737, 13.0860, 21.3442



12.4005, 10.7651, 6.2752

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.



12.5897, 13.0860, 8.0776



11.0737, 13.0860, 21.3442



14.8866, 13.0860, 11.1892

Square

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



11.0737, 13.0860, 21.3442



14.7167, 13.0860, 18.7051



13.9097, 13.0860, 8.9305



10.4073, 13.0860, 10.5626

Rectangle

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



11.0737, 13.0860, 21.3442



13.1903, 13.0860, 22.5545



13.9097, 13.0860, 8.9305



11.7146, 13.0860, 8.2822

Sweetspot

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



11.0741, 13.0865, 21.3445



29.1141, 31.8855, 39.3644



10.9442, 16.3558, 10.4210



6.4890, 7.1384, 8.9389



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



11.0741, 13.0865, 21.3445



17.5719, 21.1104, 37.8929



8.4855, 7.9092, 20.4816



4.3426, 4.6793, 5.4876



7.5093, 8.8371, 21.5599



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.9450, 9.0887, 14.9824



21.5054, 13.5548, 24.3262



15.1534, 16.2710, 7.1929



4.4458, 4.3915, 5.1519



10.6673, 5.2866, 10.1038



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.0737, 13.0860, 21.3442 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



This preview shows how the XYZ color 11.0737, 13.0860, 21.3442 looks on a 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

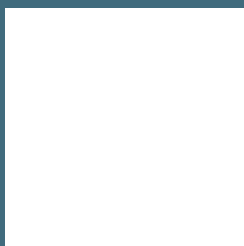
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.0737, 13.0860, 21.3442

Background



This preview shows how black text looks on a background with the XYZ color 11.0737, 13.0860, 21.3442.



This preview shows how white text looks on a background with the XYZ color 11.0737, 13.0860,

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

11.0737, 13.0860, 21.3442

Protanopia

12.8771, 13.0118, 19.6021

Deuteranopia

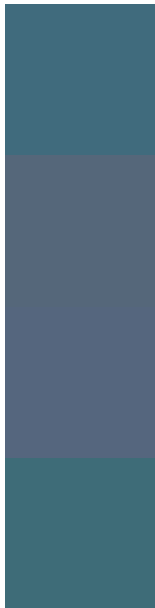
13.2224, 12.9974, 21.8905



Tritanopia

10.4979, 13.0016, 18.7859

Trichromacy



Original Color

11.0737, 13.0860, 21.3442

Protanomaly

12.1094, 13.0369, 20.2905

Deuteranomaly

12.2636, 12.9404, 21.5900

Tritanomaly

10.7393, 13.1053, 19.7329

Monochromacy



Original Color

11.0737, 13.0860, 21.3442

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.8672, 12.0607, 15.6651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0737, 13.0860, 21.3442 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(64, 107, 125) looks like.

```
.text, #text, p{  
    color:rgb(64, 107, 125)  
}
```

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(64, 107, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 107, 125) }
```

Border

The CSS property to change the border of an element to XYZ 11.0737, 13.0860, 21.3442 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(64, 107, 125) }
```


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

```
.border{ border-color:rgb(64, 107, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 107, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 107, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 107, 125);  
box-shadow:4px 4px 4px 4px rgb(64, 107,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0737, 13.0860, 21.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 107, 125) }
```

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

```
.background{ background-color: rgb(64, 107,  
125) }
```

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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