

Converting Colors

XYZ(11.4007, 13.8772, 21.2204)

Have a look what the booklet for
XYZ(11.4007, 13.8772, 21.2204)
contains.

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Color

**XYZ(11.3724, 13.8809,
21.1487)**

Conversions

Conversions Part 1

Format	Color
Hex	3F6F7C
RGB	63, 111, 124
RGB Percent	25%, 44%, 49%
CMY	0.7529, 0.5647, 0.5137
CMYK	0.49, 0.10, 0.00, 0.51
HSL	193°, 33%, 37%
HSV	193°, 49%, 49%
XYZ	11.3724, 13.8809, 21.1487
YIQ	98.1300, -32.7810, -6.1330

Conversions

Conversions Part 2

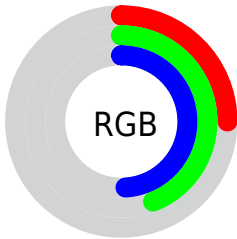
Format	Color
R_{YB}	63, 90, 124
Decimal	4157308
CIE _{Lab}	44.06, -12.50, -12.27
CIE _{LCh}	44, 17.520, 224.459
Yxy	13.8809, 0.2451, 0.2991
Android (android.graphics.Color)	4282347388 (0xFF3F6F7C)
YUV	98.1300, 12.7539, -30.8090
Hunter-Lab	37.2571, -10.7143, -7.5756




Details

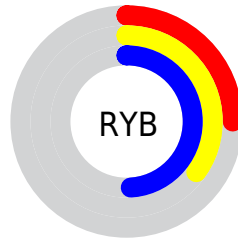
The XYZ color **11.3724, 13.8809, 21.1487** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.7940, 9.8130, 5.9754**, and the grayscale version is **11.6172, 12.2222, 13.3100**.




A 20% lighter version of the original color is **28.1032, 33.0135, 46.4860**, and **3.1101, 4.0953, 7.2832** is the 20% darker color. If you saturate the color by 10%, you get **10.3840, 12.9499, 21.0213**, and if you desaturate by 10%, it is **12.5486, 14.9220, 21.2879**.

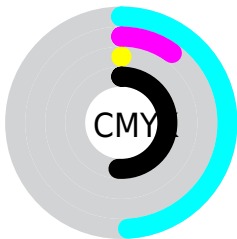
Distribution







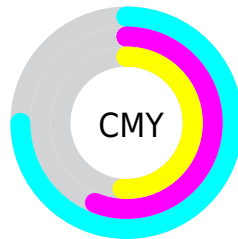
-  Red (25%)
-  Green (44%)
-  Blue (49%)






-  Red (25%)
-  Yellow (35%)
-  Blue (49%)



-  Cyan (49%)
-  Magenta (10%)
-  Yellow (0%)
-  Black (51%)



-  Cyan (75%)
-  Magenta (56%)
-  Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3724, 13.8809, 21.1487 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 11.3724, 13.8809, 21.1487 by changing the saturation by 10% instead.

■ 11.3724, 13.8809,
21.1487

■ 11.3724, 13.8809,
21.1487

194.0609,
216.4886, 270.8747

■ 6.3870, 8.0379,
13.0404

■ 27.9737, 32.8776,
46.2189

■ 3.1247, 4.1192,
7.3253

■ 40.3203, 46.8000,
64.0179

■ 1.2200, 1.7405,
3.5849

■ 55.8513, 64.1843,
85.8842

■ 0.1221, 0.4496,
1.4005

■ 74.9322, 85.4150,
112.2364

■ 0.0000, 0.0000,
0.1421

■ 97.9282, 110.8763,
143.4930

■ 0.0000, 0.0000,
0.0000

125.2048,

140.9528, 180.0726

157.1272,
176.0288, 222.3936

■ 11.3724, 13.8809,
21.1487

■ 11.3724, 13.8809,
21.1487

■ 10.3840, 12.9499,
21.0213

■ 12.5486, 14.9220,
21.2879

■ 9.5699, 12.1211,
20.9043

■ 13.9224, 16.0774,
21.4385

■ 8.9168, 11.3877,
20.7971

■ 15.5045, 17.3530,
21.6013

■ 8.4089, 10.7414,
20.6992

■ 17.3042, 18.7538,
21.7769

■ 7.9987, 10.1579,
20.6081

■ 19.3304, 20.2845,
21.9655

■ 7.9663, 10.1116,
20.6009

■ 21.5916, 21.9494,
22.1677

■ 24.0956, 23.7529,
22.3838

■ 26.8501, 25.6988,
22.6143

■ 29.8621, 27.7910,
22.8593

Harmonies

Analogous

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



10.7659, 13.8809, 17.1114



11.3724, 13.8809, 21.1487



12.4886, 13.8809, 23.7749

Triad

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



11.3724, 13.8809, 21.1487



15.9459, 13.8809, 17.2639



12.5358, 13.8809, 8.8362

Complementary

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



11.3724, 13.8809, 21.1487



11.7940, 9.8130, 5.9754

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.



13.9241, 13.8809, 8.8624



11.3724, 13.8809, 21.1487



15.9608, 13.8809, 13.2783

Square

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



11.3724, 13.8809, 21.1487



15.1598, 13.8809, 21.2771



15.1991, 13.8809, 10.3525



11.4048, 13.8809, 10.2732

Rectangle

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



11.3724, 13.8809, 21.1487



13.4027, 13.8809, 24.1245



15.1991, 13.8809, 10.3525



12.9862, 13.8809, 8.6834

Sweetspot

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



11.3728, 13.8814, 21.1490



28.4527, 31.4560, 38.1286



10.5347, 15.9831, 9.2227



6.5744, 7.3091, 8.9674



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.



11.3728, 13.8814, 21.1490



18.0842, 22.6030, 36.9663



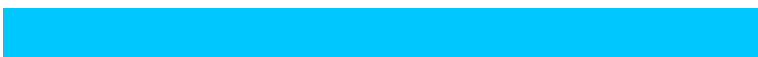
8.6530, 8.4419, 20.2424



4.0380, 4.3744, 5.0747



8.0965, 10.2754, 20.9419



37.9860, 47.7446, 99.6833

Inverse Universe

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



12.9593, 8.9881, 16.0914



21.3350, 13.3284, 26.4342



14.3328, 14.8906, 6.8216



4.1197, 4.0636, 4.8278



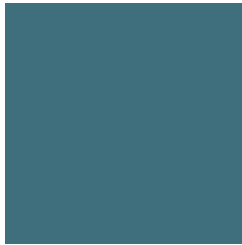
10.6701, 5.2442, 12.0854



50.5767, 24.8870, 55.9603

Previews

White Background



This preview shows how the XYZ color 11.3724, 13.8809, 21.1487 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 11.3724, 13.8809, 21.1487 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

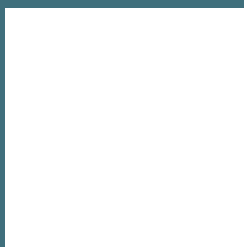
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3724, 13.8809, 21.1487

Background



This preview shows how black text looks on a background with the XYZ color 11.3724, 13.8809, 21.1487.



This preview shows how white text looks on a background with the XYZ color 11.3724, 13.8809,

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

11.3724, 13.8809, 21.1487

Protanopia

13.5468, 13.7991, 19.4023

Deuteranopia

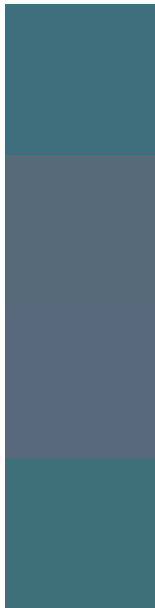
14.0131, 13.6973, 21.6439



Tritanopia

11.2320, 13.9930, 20.1981

Trichromacy



Original Color

11.3724, 13.8809, 21.1487

Protanomaly

12.5357, 13.7148, 20.0757

Deuteranomaly

12.7777, 13.6585, 21.3649

Tritanomaly

11.2936, 14.0176, 20.5228

Monochromacy



Original Color

11.3724, 13.8809, 21.1487

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.2504, 12.6933, 15.7670

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3724, 13.8809, 21.1487 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(63, 111, 124)` looks like.

```
.text, #text, p{  
    color:rgb(63, 111, 124)  
}
```

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(63, 111, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 111, 124) }
```

Border

The CSS property to change the border of an element to XYZ 11.3724, 13.8809, 21.1487 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(63, 111, 124) }
```


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

```
.border{ border-color:rgb(63, 111, 124) }
```

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

Here you see how a box with a 4 pixel rgb(63, 111, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 111, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 111, 124);  
box-shadow:4px 4px 4px 4px rgb(63, 111,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3724, 13.8809, 21.1487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 111, 124) }
```

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

```
.background{ background-color: rgb(63, 111,  
124) }
```

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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