

Converting Colors

XYZ(11.1581, 12.2687, 17.6708)

Have a look what the booklet for
XYZ(11.1581, 12.2687, 17.6708)
contains.

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Color

**XYZ(11.1706, 12.3161,
17.7081)**

Conversions

Conversions Part 1

Format	Color
Hex	526572
RGB	82, 101, 114
RGB Percent	32%, 40%, 45%
CMY	0.6784, 0.6039, 0.5529
CMYK	0.28, 0.11, 0.00, 0.55
HSL	204°, 16%, 38%
HSV	204°, 28%, 45%
XYZ	11.1706, 12.3161, 17.7081
YIQ	96.8010, -15.4970, 0.0150

Conversions

Conversions Part 2

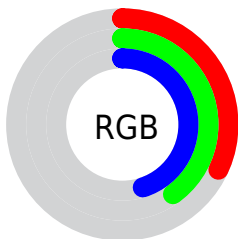
Format	Color
R_{YB}	82, 94, 114
Decimal	5399922
CIE _{Lab}	41.71, -3.85, -9.66
CIE _{LCh}	42, 10.402, 248.261
Yxy	12.3161, 0.2712, 0.2990
Android (android.graphics.Color)	4283590002 (0xFF526572)
YUV	96.8010, 8.4791, -12.9805
Hunter-Lab	35.0943, -4.5981, -5.3509

Details

The XYZ color **11.1706, 12.3161, 17.7081** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.5548, 12.3711, 9.7090**, and the grayscale version is **11.2963, 11.8846, 12.9424**.

A 20% lighter version of the original color is **27.6269, 30.1152, 40.4331**, and **3.0301, 3.4067, 5.6521** is the 20% darker color. If you saturate the color by 10%, you get **9.8235, 10.9731, 17.5201**, and if you desaturate by 10%, it is **12.7085, 13.7957, 17.9128**.

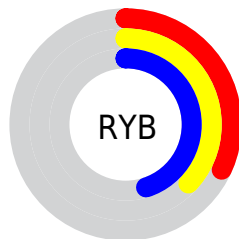
Distribution



Red (32%)

Green (40%)

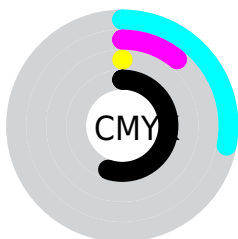
Blue (45%)



Red (32%)

Yellow (37%)

Blue (45%)

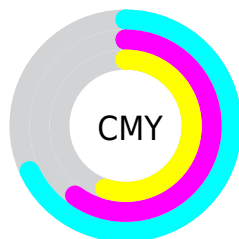


Cyan (28%)

Magenta (11%)

Yellow (0%)

Black (55%)



Cyan (68%)

Magenta (60%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1706, 12.3161, 17.7081 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 11.1706, 12.3161, 17.7081 by changing the saturation by 10% instead.

■ 11.1706, 12.3161,
17.7081

■ 11.1706, 12.3161,
17.7081

192.7185,
206.4869, 251.4012

■ 6.2498, 6.9593,
10.5734

■ 27.6054, 30.0695,
40.3465

■ 3.0397, 3.4367,
5.6702

■ 39.8501, 43.2350,
56.6872

■ 1.1748, 1.3637,
2.5801

■ 55.2668, 59.7721,
76.9337

■ 0.0863, 0.1898,
0.8821

■ 74.2210, 80.0653,
101.5045

■ 0.0000, 0.0000,
0.0000

■ 97.0778, 104.4990,
130.8181

124.2028,

133.4576, 165.2930

155.9612,
167.3254, 205.3479

■ 11.1706, 12.3161,
17.7081

■ 11.1706, 12.3161,
17.7081

■ 9.8235, 10.9731,
17.5201

■ 12.7085, 13.7957,
17.9128

■ 8.6576, 9.7603,
17.3474

■ 14.4441, 15.4151,
18.1339

■ 7.6639, 8.6726,
17.1899

■ 16.3853, 17.1792,
18.3721

■ 6.8325, 7.7043,
17.0468

■ 18.5391, 19.0924,
18.6279

■ 6.1518, 6.8488,
16.9175

■ 20.9123, 21.1586,
18.9016

■ 5.6091, 6.0988,
16.8014

■ 23.5113, 23.3817,
19.1937

■ 5.1676, 5.4346,
16.6964

■ 26.3422, 25.7653,
19.5046

■ 5.0859, 5.3120,
16.6771

■ 29.4111, 28.3132,
19.8347

■ 32.7234, 31.0287,
20.1842

Harmonies

Analogous

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



10.5905, 12.3161, 16.1866



11.1706, 12.3161, 17.7081



11.9184, 12.3161, 18.0173

Triad

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



11.1706, 12.3161, 17.7081



13.2202, 12.3161, 12.8149



10.8201, 12.3161, 10.3717

Complementary

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



11.1706, 12.3161, 17.7081



12.5548, 12.3711, 9.7090

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.



11.4964, 12.3161, 9.6640



11.1706, 12.3161, 17.7081



12.8973, 12.3161, 10.9709

Square

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



11.1706, 12.3161, 17.7081



13.1237, 12.3161, 15.0288



12.2584, 12.3161, 9.8708



10.3944, 12.3161, 11.9121

Rectangle

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



11.1706, 12.3161, 17.7081



12.4152, 12.3161, 17.4658



12.2584, 12.3161, 9.8708



11.0245, 12.3161, 10.0366

Sweetspot

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



11.1710, 12.3166, 17.7084



25.3383, 27.0480, 31.8608



11.5537, 14.6513, 12.9982



5.7685, 6.1710, 7.3568



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.1710, 12.3166, 17.7084



17.9835, 20.0115, 30.8903



9.7814, 9.5375, 17.2452



3.3668, 3.5989, 4.2714



5.6448, 5.8800, 18.5590



27.2566, 27.5651, 92.1632

Inverse Universe

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



12.3060, 10.5519, 13.7006



20.3880, 16.4946, 22.3500



14.1253, 15.5121, 10.2325



3.4598, 3.4316, 3.9481



8.8676, 4.4394, 6.3786



43.7379, 21.9405, 29.4814

Previews

White Background



This preview shows how the XYZ color 11.1706, 12.3161, 17.7081 looks on a white background.

Color Contrast Check

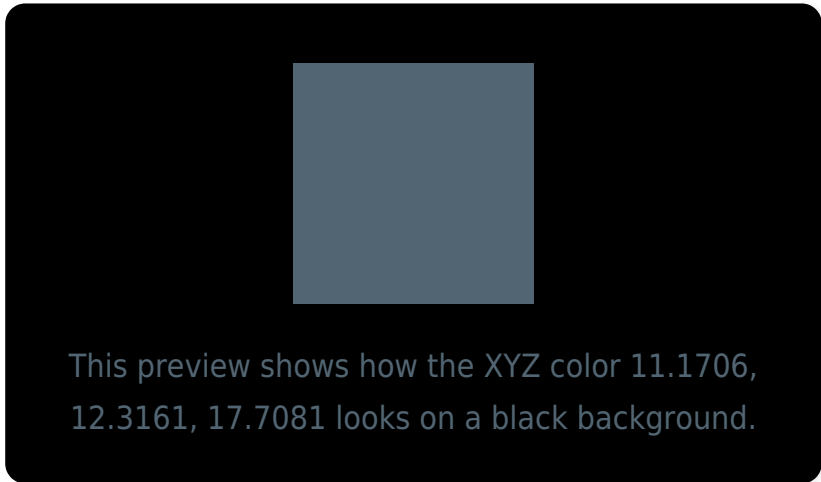
Large Text (above 18pt) WCAG AA ✓ Pass

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

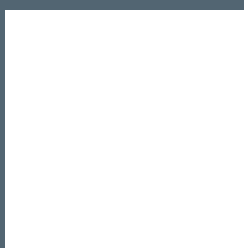
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.1706, 12.3161, 17.7081

Background



This preview shows how black text looks on a background with the XYZ color 11.1706, 12.3161, 17.7081.

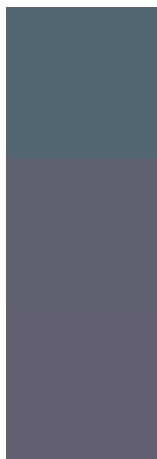


This preview shows how white text looks on a background with the XYZ color 11.1706, 12.3161,

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

11.1706, 12.3161, 17.7081

Protanopia

12.0232, 12.2060, 17.0515

Deuteranopia

12.5329, 12.3129, 17.9357



Tritanopia

10.9592, 12.3779, 16.5634

Trichromacy



Original Color

11.1706, 12.3161, 17.7081

Protanomaly

11.6627, 12.1518, 17.3536

Deuteranomaly

11.9764, 12.3003, 17.9626

Tritanomaly

11.0140, 12.3998, 16.8518

Monochromacy



Original Color

11.1706, 12.3161, 17.7081

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.2295, 11.9899, 14.5544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1706, 12.3161, 17.7081 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(82, 101, 114) looks like.

```
.text, #text, p{  
    color:rgb(82, 101, 114)  
}
```

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(82, 101, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 101, 114) }
```

Border

The CSS property to change the border of an element to XYZ 11.1706, 12.3161, 17.7081 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(82, 101, 114) }
```


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

```
.border{ border-color:rgb(82, 101, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 101, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 101, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 101, 114);  
box-shadow:4px 4px 4px 4px rgb(82, 101,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1706, 12.3161, 17.7081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 101, 114) }
```

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

```
.background{ background-color: rgb(82, 101,  
114) }
```

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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