

Converting Colors

XYZ(11.2538, 11.8645, 17.7082)

Have a look what the booklet for
XYZ(11.2538, 11.8645, 17.7082)
contains.

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Color

**XYZ(11.2427, 11.9287,
17.6295)**

Conversions

Conversions Part 1

Format	Color
Hex	566272
RGB	86, 98, 114
RGB Percent	34%, 38%, 45%
CMY	0.6627, 0.6157, 0.5529
CMYK	0.25, 0.14, 0.00, 0.55
HSL	214°, 14%, 39%
HSV	214°, 25%, 45%
XYZ	11.2427, 11.9287, 17.6295
YIQ	96.2360, -12.2880, 2.4320

Conversions

Conversions Part 2

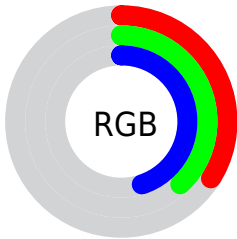
Format	Color
R_{YB}	86, 94, 114
Decimal	5661298
CIE _{Lab}	41.10, -0.69, -10.55
CIE _{LCh}	41, 10.577, 266.256
Yxy	11.9287, 0.2756, 0.2924
Android (android.graphics.Color)	4283851378 (0xFF566272)
YUV	96.2360, 8.7577, -8.9770
Hunter-Lab	34.5380, -2.3366, -6.0873

Details

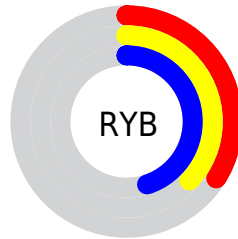
The XYZ color **11.2427, 11.9287, 17.6295** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.3707, 13.7521, 10.7541**, and the grayscale version is **11.1573, 11.7384, 12.7831**.

A 20% lighter version of the original color is **27.7837, 29.4823, 40.3027**, and **3.0864, 3.3004, 5.6286** is the 20% darker color. If you saturate the color by 10%, you get **9.6908, 10.2607, 17.3895**, and if you desaturate by 10%, it is **13.0124, 13.7833, 17.8944**.

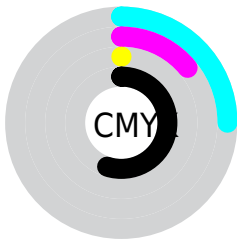
Distribution



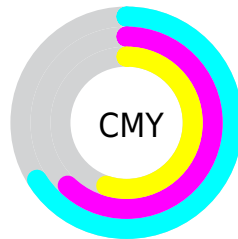
- Red (34%)
- Green (38%)
- Blue (45%)



- Red (34%)
- Yellow (37%)
- Blue (45%)



- Cyan (25%)
- Magenta (14%)
- Yellow (0%)
- Black (55%)



- Cyan (66%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2427, 11.9287, 17.6295 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 11.2427, 11.9287, 17.6295 by changing the saturation by 10% instead.

■ 11.2427, 11.9287,
17.6295

■ 11.2427, 11.9287,
17.6295

193.1992,
203.9327, 250.9399

■ 6.2988, 6.6951,
10.5176

■ 27.7371, 29.3652,
40.2104

■ 3.0700, 3.2722,
5.6334

■ 40.0183, 42.3369,
56.5164

■ 1.1909, 1.2754,
2.5583

■ 55.4760, 58.6568,
76.7243

■ 0.0992, 0.1221,
0.8708

■ 74.4755, 78.7092,
101.2526

■ 0.0000, 0.0000,
0.0000

■ 97.3823, 102.8787,
130.5197

124.5616,

131.5495, 164.9443

156.3788,
165.1060, 204.9449

■ 11.2427, 11.9287,
17.6295

■ 11.2427, 11.9287,
17.6295

■ 9.6908, 10.2607,
17.3895

■ 13.0124, 13.7833,
17.8944

■ 8.3466, 8.7713,
17.1729

■ 15.0073, 15.8290,
18.1841

■ 7.2005, 7.4541,
16.9791

■ 17.2359, 18.0721,
18.4996

■ 6.2420, 6.3019,
16.8072

■ 19.7058, 20.5182,
18.8416

■ 5.4592, 5.3066,
16.6563

■ 22.4242, 23.1725,
19.2106

■ 4.8391, 4.4593,
16.5255

■ 25.3982, 26.0401,
19.6074

■ 4.3611, 3.7472,
16.4132

■ 28.6344, 29.1260,
20.0325

■ 4.1298, 3.4000,
16.3584

■ 32.1393, 32.4347,
20.4864

■ 35.9190, 35.9710,
20.9697

Harmonies

Analogous

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



10.5451, 11.9287, 16.7896



11.2427, 11.9287, 17.6295



11.9969, 11.9287, 17.1160

Triad

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



11.2427, 11.9287, 17.6295



12.7000, 11.9287, 11.2230



10.1653, 11.9287, 10.7990

Complementary

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



11.2427, 11.9287, 17.6295



13.3707, 13.7521, 10.7541

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.



10.7034, 11.9287, 9.5841



11.2427, 11.9287, 17.6295



12.1694, 11.9287, 9.8090

Square

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



11.2427, 11.9287, 17.6295



12.8599, 11.9287, 13.2636



11.4336, 11.9287, 9.2428



9.9409, 11.9287, 12.7169

Rectangle

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



11.2427, 11.9287, 17.6295



12.4270, 11.9287, 16.1032



11.4336, 11.9287, 9.2428



10.3143, 11.9287, 10.3035

Sweetspot

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



11.2431, 11.9292, 17.6298



25.4145, 26.8410, 31.8168



12.2470, 14.9700, 14.7800



5.8466, 6.1758, 7.3536



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.



11.2431, 11.9292, 17.6298



18.2959, 19.4022, 30.7562



10.3772, 9.9390, 17.2913



3.3242, 3.5137, 4.2572



4.5811, 3.7524, 18.2044



21.9982, 17.0484, 90.4104

Inverse Universe

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



12.4721, 11.1151, 13.0439



20.8469, 17.8315, 21.2110



14.3963, 16.1602, 11.1649



3.4383, 3.4230, 3.8349



8.3306, 4.2246, 3.5511



41.0837, 20.8788, 15.5046

Previews

White Background



This preview shows how the XYZ color 11.2427, 11.9287, 17.6295 looks on a white background.

Color Contrast Check

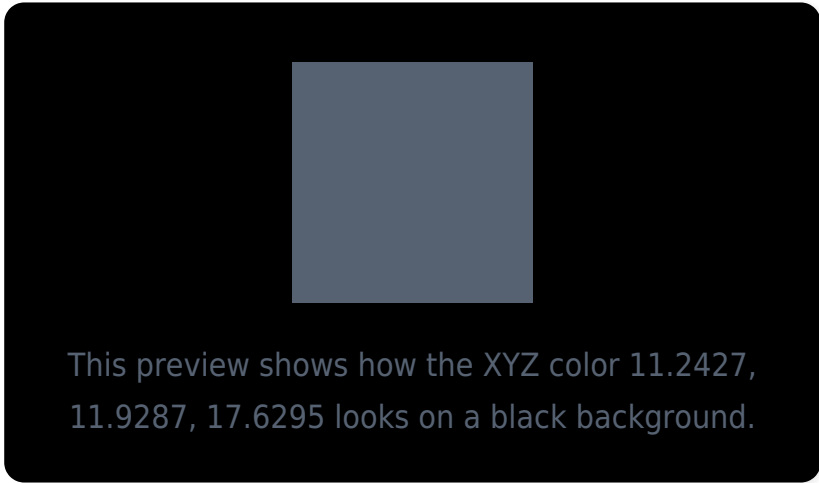
Large Text (above 18pt) WCAG AA ✓ Pass

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

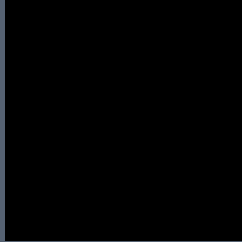
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

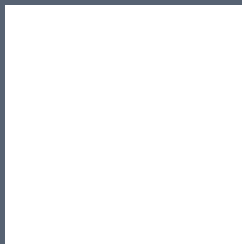
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.2427, 11.9287, 17.6295

Background



This preview shows how black text looks on a background with the XYZ color 11.2427, 11.9287, 17.6295.



This preview shows how white text looks on a background with the XYZ color 11.2427, 11.9287,

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

11.2427, 11.9287, 17.6295

Protanopia

11.7796, 11.9377, 17.3061

Deuteranopia

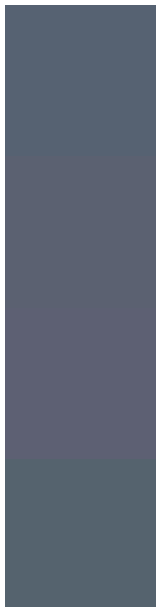
12.1165, 11.9636, 17.8903



Tritanopia

10.8620, 11.9165, 15.6375

Trichromacy



Original Color

11.2427, 11.9287, 17.6295

Protanomaly

11.5697, 11.9658, 17.3226

Deuteranomaly

11.7916, 11.9307, 17.9010

Tritanomaly

11.0226, 11.9808, 16.4834

Monochromacy



Original Color

11.2427, 11.9287, 17.6295

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.1365, 11.8040, 14.5234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2427, 11.9287, 17.6295 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(86, 98, 114) looks like.

```
.text, #text, p{  
    color:rgb(86, 98, 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(86, 98, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 98, 114) }
```

Border

The CSS property to change the border of an element to XYZ 11.2427, 11.9287, 17.6295 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(86, 98, 114) }
```


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

```
.border{ border-color:rgb(86, 98, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 98, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 98, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 98, 114);  
box-shadow:4px 4px 4px 4px rgb(86, 98,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2427, 11.9287, 17.6295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 98, 114) }
```

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

```
.background{ background-color: rgb(86, 98,  
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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