

Converting Colors

XYZ(11.1567, 10.0391, 21.1652)

Have a look what the booklet for
XYZ(11.1567, 10.0391, 21.1652)
contains.

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Color

**XYZ(11.1527, 10.0207,
21.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	5A547E
RGB	90, 84, 126
RGB Percent	35%, 33%, 49%
CMY	0.6471, 0.6706, 0.5059
CMYK	0.29, 0.33, 0.00, 0.51
HSL	249°, 20%, 41%
HSV	249°, 33%, 49%
XYZ	11.1527, 10.0207, 21.0850
YIQ	90.5820, -9.9060, 14.3340

Conversions

Conversions Part 2

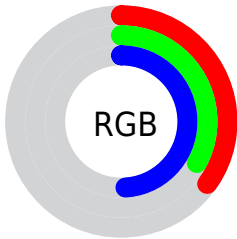
Format	Color
R_{YB}	90, 84, 126
Decimal	5919870
CIE _{Lab}	37.88, 12.55, -22.81
CIE _{LCh}	38, 26.035, 298.806
Yxy	10.0207, 0.2639, 0.2371
Android (android.graphics.Color)	4284109950 (0xFF5A547E)
YUV	90.5820, 17.4611, -0.5104
Hunter-Lab	31.6555, 7.4911, -17.3329

Details

The XYZ color **11.1527, 10.0207, 21.0850** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.8070, 19.5550, 11.2766**, and the grayscale version is **9.8129, 10.3240, 11.2428**.

A 20% lighter version of the original color is **27.6463, 25.9676, 46.2030**, and **3.0199, 2.4791, 7.3405** is the 20% darker color. If you saturate the color by 10%, you get **9.2861, 7.7351, 20.7424**, and if you desaturate by 10%, it is **13.3486, 12.7377, 21.4939**.

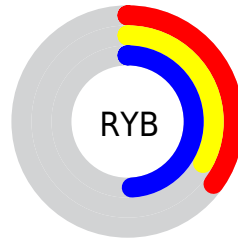
Distribution



Red (35%)

Green (33%)

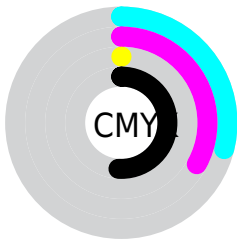
Blue (49%)



Red (35%)

Yellow (33%)

Blue (49%)

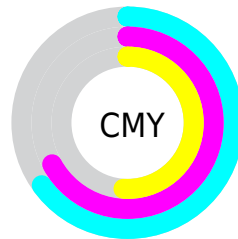


Cyan (29%)

Magenta (33%)

Yellow (0%)

Black (51%)



Cyan (65%)

Magenta (67%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1527, 10.0207, 21.0850 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 11.1527, 10.0207, 21.0850 by changing the saturation by 10% instead.

■ 11.1527, 10.0207,
21.0850

■ 11.1527, 10.0207,
21.0850

■ 192.5989,
190.8197, 270.5257

■ 6.2377, 5.4127,
12.9943

■ 27.5726, 25.8344,
46.1116

■ 3.0322, 2.4914,
7.2939

■ 39.8083, 37.8089,
63.8845

■ 1.1708, 0.8723,
3.5654

■ 55.2149, 53.0077,
85.7220

■ 0.0831, 0.0000,
1.3901

■ 74.1577, 71.8152,
112.0425

■ 0.0000, 0.0000,
0.1340

■ 97.0022, 94.6157,
143.2646

■ 0.0000, 0.0000,
0.0000

124.1136,

121.7937, 179.8068

155.8574,
153.7336, 222.0877

■ 11.1527, 10.0207,
21.0850

■ 11.1527, 10.0207,
21.0850

■ 9.2861, 7.7351,
20.7424

■ 13.3486, 12.7377,
21.4939

■ 7.7318, 5.8574,
20.4619

■ 15.8877, 15.9055,
21.9715

■ 6.4727, 4.3638,
20.2400

■ 18.7843, 19.5439,
22.5211

■ 5.4898, 3.2274,
20.0724

■ 22.0515, 23.6710,
23.1455

■ 4.7617, 2.4179,
19.9545

■ 25.7019, 28.3040,
23.8474

■ 4.2630, 1.8980,
19.8805

■ 29.7475, 33.4593,
24.6292

■ 4.0154, 1.6350,
19.8427

■ 34.1995, 39.1525,
25.4935

■ 39.0691, 45.3987,
26.4425

■ 44.3666, 52.2121,
27.4784

Harmonies

Analogous

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



9.4578, 10.0207, 22.8925



11.1527, 10.0207, 21.0850



12.5356, 10.0207, 16.3853

Triad

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



11.1527, 10.0207, 21.0850



11.2816, 10.0207, 4.7945



6.6674, 10.0207, 10.7208

Complementary

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



11.1527, 10.0207, 21.0850



16.8070, 19.5550, 11.2766

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.



7.0387, 10.0207, 6.8158



11.1527, 10.0207, 21.0850



9.5913, 10.0207, 4.0690

Square

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



11.1527, 10.0207, 21.0850



12.6159, 10.0207, 7.0606



8.0628, 10.0207, 4.6849



6.9843, 10.0207, 15.9550

Rectangle

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



11.1527, 10.0207, 21.0850



13.0248, 10.0207, 12.7903



8.0628, 10.0207, 4.6849



6.7150, 10.0207, 9.2251

Sweetspot

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



11.1530, 10.0211, 21.0852



29.4769, 29.8911, 38.9603



14.1870, 16.9208, 22.2571



6.5761, 6.6376, 8.8377



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.



11.1530, 10.0211, 21.0852



17.0820, 14.5130, 36.6453



13.4419, 11.2010, 21.1923



4.1616, 4.2389, 5.4121



4.1169, 1.6761, 20.3565



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.1649, 12.1327, 19.3120



25.3277, 18.8570, 32.8217



14.2508, 18.2373, 11.1570



4.4726, 4.4022, 5.2931



11.6028, 5.6608, 15.0297



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.1527, 10.0207, 21.0850 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 11.1527, 10.0207, 21.0850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

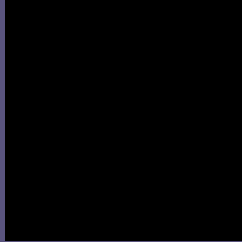
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.1527, 10.0207, 21.0850

Background



This preview shows how black text looks on a background with the XYZ color 11.1527, 10.0207, 21.0850.



This preview shows how white text looks on a background with the XYZ color 11.1527, 10.0207,

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

11.1527, 10.0207, 21.0850

Protanopia

10.4327, 10.1009, 22.1687

Deuteranopia

10.2520, 10.0379, 20.7992



Tritanopia

9.4700, 10.0602, 12.7520

Trichromacy



Original Color

11.1527, 10.0207, 21.0850

Protanomaly

10.6978, 10.1242, 21.8124

Deuteranomaly

10.5895, 10.0909, 20.7916

Tritanomaly

10.0342, 10.0406, 15.5965

Monochromacy



Original Color

11.1527, 10.0207, 21.0850

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.3028, 10.2031, 14.5231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1527, 10.0207, 21.0850 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(90, 84, 126) looks like.

```
.text, #text, p{  
    color:rgb(90, 84, 126)  
}
```

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(90, 84, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 84, 126) }
```

Border

The CSS property to change the border of an element to XYZ 11.1527, 10.0207, 21.0850 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(90, 84, 126) }
```


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

```
.border{ border-color:rgb(90, 84, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 84, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 84, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 84, 126);  
box-shadow:4px 4px 4px 4px rgb(90, 84,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1527, 10.0207, 21.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 84, 126) }
```

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

```
.background{ background-color: rgb(90, 84,  
126) }
```

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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