

Converting Colors

XYZ(13.3136, 11.7819, 26.1747)

Have a look what the booklet for
XYZ(13.3136, 11.7819, 26.1747)
contains.

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Color

**XYZ(13.2461, 11.7178,
25.9897)**

Conversions

Conversions Part 1

Format	Color
Hex	615A8B
RGB	97, 90, 139
RGB Percent	38%, 35%, 55%
CMY	0.6196, 0.6471, 0.4549
CMYK	0.30, 0.35, 0.00, 0.45
HSL	249°, 21%, 45%
HSV	249°, 35%, 55%
XYZ	13.2461, 11.7178, 25.9897
YIQ	97.6790, -11.5570, 16.7230

Conversions

Conversions Part 2

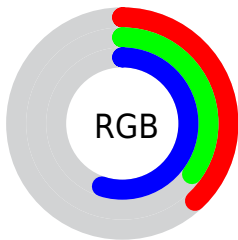
Format	Color
R_{YB}	97, 90, 139
Decimal	6380171
CIE _{Lab}	40.76, 14.56, -26.19
CIE _{LCh}	41, 29.968, 299.064
Yxy	11.7178, 0.2600, 0.2300
Android (android.graphics.Color)	4284570251 (0xFF615A8B)
YUV	97.6790, 20.3713, -0.5955
Hunter-Lab	34.2313, 9.1675, -21.0534

Details

The XYZ color **13.2461, 11.7178, 25.9897** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **20.5941, 24.1092, 13.2415**, and the grayscale version is **11.4833, 12.0813, 13.1566**.

A 20% lighter version of the original color is **31.3981, 28.9960, 54.3940**, and **3.9228, 3.1510, 9.8526** is the 20% darker color. If you saturate the color by 10%, you get **11.0059, 8.9824, 25.5800**, and if you desaturate by 10%, it is **15.8971, 14.9909, 26.4820**.

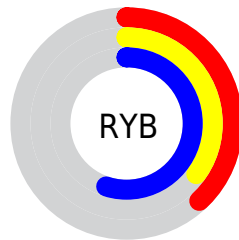
Distribution



Red (38%)

Green (35%)

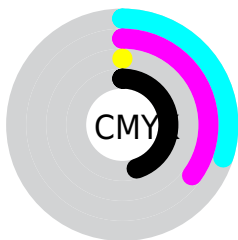
Blue (55%)



Red (38%)

Yellow (35%)

Blue (55%)

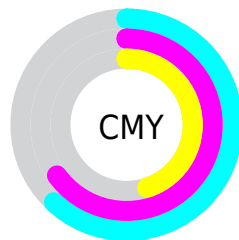


Cyan (30%)

Magenta (35%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (65%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.2461, 11.7178, 25.9897 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 13.2461, 11.7178, 25.9897 by changing the saturation by 10% instead.

■ 13.2461, 11.7178,
25.9897

■ 13.2461, 11.7178,
25.9897

206.0948,
202.5280, 296.3354

■ 7.6764, 6.5518,
16.5902

■ 31.3428, 28.9801,
54.2422

■ 3.9386, 3.1834,
9.7839

■ 44.6005, 41.8452,
73.9323

■ 1.6675, 1.2282,
5.1522

■ 61.1515, 58.0454,
97.8898

■ 0.4358, 0.0846,
2.2765

■ 81.3613, 77.9653,
126.5330

■ 0.0000, 0.0000,
0.7180

■ 105.5952,
101.9890, 160.2807

■ 0.0000, 0.0000,
0.0000

134.2185,

130.5011, 199.5513

167.5966,
163.8860, 244.7633

■ 13.2461, 11.7178,
25.9897

■ 13.2461, 11.7178,
25.9897

■ 11.0059, 8.9824,
25.5800

■ 15.8971, 14.9909,
26.4820

■ 9.1546, 6.7546,
25.2476

■ 18.9768, 18.8271,
27.0601

■ 7.6700, 5.0031,
24.9877

■ 22.5038, 23.2518,
27.7283

■ 6.5271, 3.6928,
24.7951

■ 26.4950, 28.2883,
28.4900

■ 5.6978, 2.7836,
24.6633

■ 30.9665, 33.9588,
29.3489

■ 5.1456, 2.2207,
24.5837

■ 35.9337, 40.2843,
30.3080

■ 4.9458, 2.0113,
24.5538

■ 41.4110, 47.2849,
31.3706

■ 47.4127, 54.9798,
32.5395

■ 53.9521, 63.3873,
33.8177

Harmonies

Analogous

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



11.0707, 11.7178, 28.4315



13.2461, 11.7178, 25.9897



15.0293, 11.7178, 19.7821

Triad

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



13.2461, 11.7178, 25.9897



13.3765, 11.7178, 5.1149



7.5262, 11.7178, 12.5682

Complementary

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



13.2461, 11.7178, 25.9897



20.5941, 24.1092, 13.2415

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.



7.9830, 11.7178, 7.6322



13.2461, 11.7178, 25.9897



11.2044, 11.7178, 4.2616

Square

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



13.2461, 11.7178, 25.9897



15.1111, 11.7178, 7.8700



9.2653, 11.7178, 5.0115



7.9296, 11.7178, 19.3412

Rectangle

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



13.2461, 11.7178, 25.9897



15.6581, 11.7178, 15.1138



9.2653, 11.7178, 5.0115



7.5832, 11.7178, 10.6619

Sweetspot

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



13.2465, 11.7183, 25.9900



36.4196, 36.7653, 48.9199



17.1917, 20.6674, 27.5094



8.2244, 8.2616, 11.2406



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



13.2465, 11.7183, 25.9900



20.5835, 17.1474, 45.9679



16.2066, 13.2442, 26.1285



4.8369, 4.9243, 6.3014



4.4735, 1.8203, 22.1613



0.0371, 0.0159, 0.1476

Inverse Universe

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



18.4688, 14.4677, 23.6493



31.3937, 22.8442, 40.8780



17.2587, 22.3898, 13.0854



5.2037, 5.1169, 6.1609



12.6277, 6.1612, 16.3414



0.0878, 0.0425, 0.1291

Previews

White Background



This preview shows how the XYZ color 13.2461, 11.7178, 25.9897 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 13.2461, 11.7178, 25.9897 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 13.2461, 11.7178, 25.9897

Background



This preview shows how black text looks on a background with the XYZ color 13.2461, 11.7178, 25.9897.



This preview shows how white text looks on a background with the XYZ color 13.2461, 11.7178,

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

13.2461, 11.7178, 25.9897

Protanopia

12.3584, 11.8731, 27.6270

Deuteranopia

11.9879, 11.7249, 25.6761



Tritanopia

11.0409, 11.7430, 15.0493

Trichromacy



Original Color

13.2461, 11.7178, 25.9897

Protanomaly

12.6346, 11.7601, 27.1952

Deuteranomaly

12.3395, 11.6421, 25.6415

Tritanomaly

11.7278, 11.6169, 18.4538

Monochromacy



Original Color

13.2461, 11.7178, 25.9897

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.1098, 11.9733, 17.2956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.2461, 11.7178, 25.9897 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(97, 90, 139) looks like.

```
.text, #text, p{  
    color:rgb(97, 90, 139)  
}
```

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(97, 90, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 90, 139) }
```

Border

The CSS property to change the border of an element to XYZ 13.2461, 11.7178, 25.9897 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(97, 90, 139) }
```


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

```
.border{ border-color:rgb(97, 90, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 90, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 90, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 90, 139);  
box-shadow:4px 4px 4px 4px rgb(97, 90,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 13.2461, 11.7178, 25.9897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 90, 139) }
```

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

```
.background{ background-color: rgb(97, 90,  
139) }
```

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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