

Converting Colors

XYZ(17.2696, 11.5236, 25.7402)

Have a look what the booklet for
XYZ(17.2696, 11.5236, 25.7402)
contains.

XYZ(17.2696, 11.5236, 25.7402)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.2696, 11.5236,
25.7402)**

Conversions

Conversions Part 1

Format	Color
Hex	8A458B
RGB	138, 69, 139
RGB Percent	54%, 27%, 55%
CMY	0.4588, 0.7294, 0.4549
CMYK	0.01, 0.50, 0.00, 0.45
HSL	299°, 34%, 41%
HSV	299°, 50%, 55%
XYZ	17.2696, 11.5236, 25.7402
YIQ	97.6110, 18.6540, 36.3980

Conversions

Conversions Part 2

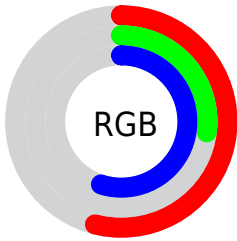
Format	Color
R_{YB}	138, 69, 139
Decimal	9061771
CIE _{Lab}	40.45, 39.88, -26.34
CIE _{LCh}	40, 47.794, 326.557
Yxy	11.5236, 0.3167, 0.2113
Android (android.graphics.Color)	4287251851 (0xFF8A458B)
YUV	97.6110, 20.4048, 35.4212
Hunter-Lab	33.9464, 31.4022, -21.1947

Details

The XYZ color **17.2696, 11.5236, 25.7402** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **12.8329, 20.1973, 8.8528**, and the grayscale version is **11.4612, 12.0581, 13.1312**.

A 20% lighter version of the original color is **38.3344, 28.6207, 53.9560**, and **5.8572, 3.1323, 9.7471** is the 20% darker color. If you saturate the color by 10%, you get **16.4800, 9.9928, 25.4865**, and if you desaturate by 10%, it is **18.2604, 13.4561, 26.0612**.

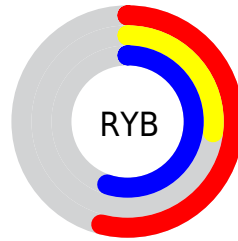
Distribution



Red (54%)

Green (27%)

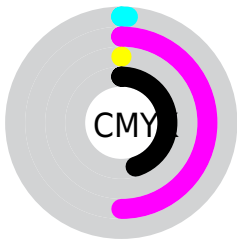
Blue (55%)



Red (54%)

Yellow (27%)

Blue (55%)

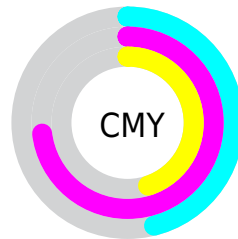


Cyan (1%)

Magenta (50%)

Yellow (0%)

Black (45%)



Cyan (46%)

Magenta (73%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2696, 11.5236, 25.7402 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 17.2696, 11.5236, 25.7402 by changing the saturation by 10% instead.

■ 17.2696, 11.5236,
25.7402

■ 17.2696, 11.5236,
25.7402

229.8473,
201.2254, 295.0692

■ 10.5234, 6.4202,
16.4054

■ 38.3287, 28.6244,
53.8345

■ 5.8122, 3.1022,
9.6540

■ 53.3722, 41.3906,
73.4310

■ 2.7708, 1.1853,
5.0676

■ 71.9123, 57.4798,
97.2851

■ 1.0338, 0.0497,
2.2275

■ 94.3142, 77.2765,
125.8154

■ 0.0000, 0.0000,
0.6902

■ 120.9432,
101.1650, 159.4404

■ 0.0000, 0.0000,
0.0000

152.1649,

129.5297, 198.5787

188.3445,
162.7550, 243.6488

■ 17.2696, 11.5236,
25.7402

■ 17.2696, 11.5236,
25.7402

■ 16.4800, 9.9928,
25.4865

■ 18.2604, 13.4561,
26.0612

■ 15.8761, 8.8336,
25.2946

■ 19.4640, 15.8145,
26.4529

■ 15.4424, 8.0147,
25.1594

■ 20.8926, 18.6226,
26.9197

■ 15.1600, 7.4983,
25.0746

■ 22.5570, 21.9024,
27.4650

■ 14.9794, 7.1838,
25.0234

■ 24.4675, 25.6743,
28.0923

■ 26.6336, 29.9573,
28.8049

■ 29.0645, 34.7697,
29.6056

■ 31.7687, 40.1287,
30.4975

■ 34.7545, 46.0508,
31.4832

Harmonies

Analogous

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



14.0993, 11.5236, 37.4083



17.2696, 11.5236, 25.7402



18.7414, 11.5236, 13.6905

Triad

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



17.2696, 11.5236, 25.7402



11.3451, 11.5236, 1.6626



6.1344, 11.5236, 22.7588

Complementary

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



17.2696, 11.5236, 25.7402



12.8329, 20.1973, 8.8528

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.



5.6908, 11.5236, 11.4695



17.2696, 11.5236, 25.7402



8.3132, 11.5236, 2.2122

Square

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



17.2696, 11.5236, 25.7402



14.9089, 11.5236, 2.5800



6.4016, 11.5236, 4.8683



7.7669, 11.5236, 35.1554

Rectangle

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



17.2696, 11.5236, 25.7402



18.3776, 11.5236, 7.9824



6.4016, 11.5236, 4.8683



5.8578, 11.5236, 18.5864

Sweetspot

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



17.2700, 11.5241, 25.7404



38.8605, 36.1970, 48.6815



9.3155, 7.5310, 25.3889



8.8281, 8.0918, 11.1760



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.



17.2700, 11.5241, 25.7404



29.3963, 17.6708, 45.6044



15.3343, 10.7690, 14.6805



5.2269, 5.1254, 6.3197



13.5208, 6.4844, 22.5847



0.0909, 0.0436, 0.1501

Inverse Universe

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



13.8814, 10.1879, 7.0296



22.6474, 15.0130, 8.1776



14.1271, 20.7067, 16.0409



5.0356, 5.0497, 5.2758



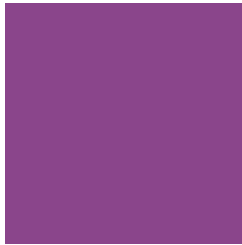
9.6202, 4.9582, 0.5043



0.0642, 0.0331, 0.0051

Previews

White Background



This preview shows how the XYZ color 17.2696, 11.5236, 25.7402 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 17.2696, 11.5236, 25.7402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

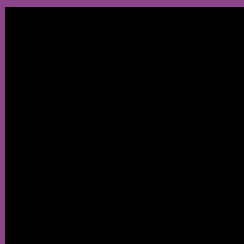
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.2696, 11.5236, 25.7402

Background



This preview shows how black text looks on a background with the XYZ color 17.2696, 11.5236, 25.7402.



This preview shows how white text looks on a background with the XYZ color 17.2696, 11.5236,

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

17.2696, 11.5236, 25.7402

Protanopia

12.7318, 11.7724, 34.8590

Deuteranopia

11.8750, 11.6995, 24.1866



Tritanopia

14.2945, 11.6447, 10.7268

Trichromacy



Original Color

17.2696, 11.5236, 25.7402

Protanomaly

13.4302, 11.0912, 31.1387

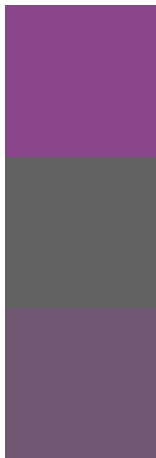
Deuteranomaly

13.2512, 11.2579, 24.7671

Tritanomaly

15.1392, 11.4376, 15.3197

Monochromacy



Original Color

17.2696, 11.5236, 25.7402

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

13.1989, 11.5194, 17.1506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2696, 11.5236, 25.7402 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(138, 69, 139)` looks like.

```
.text, #text, p{  
    color:rgb(138, 69, 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(138, 69, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 69, 139) }
```

Border

The CSS property to change the border of an element to XYZ 17.2696, 11.5236, 25.7402 is called "border". The border property can be set on classes, ids or directly on the HTML element.

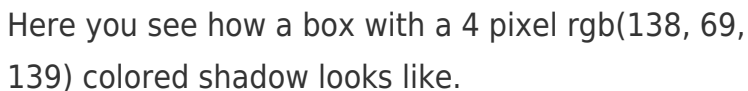
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 69, 139) }
```


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

```
.border{ border-color:rgb(138, 69, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 69, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 69, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 69, 139); box-shadow:4px 4px 4px 4px rgb(138, 69, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2696, 11.5236, 25.7402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 69, 139) }
```

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

```
.background{ background-color: rgb(138, 69,  
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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