

Converting Colors

XYZ(15.9851, 14.9842, 26.1413)

Have a look what the booklet for
XYZ(15.9851, 14.9842, 26.1413)
contains.

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Color

**XYZ(15.9682, 15.0506,
26.1082)**

Conversions

Conversions Part 1

Format	Color
Hex	6E688A
RGB	110, 104, 138
RGB Percent	43%, 41%, 54%
CMY	0.5686, 0.5921, 0.4588
CMYK	0.20, 0.25, 0.00, 0.46
HSL	251°, 14%, 47%
HSV	251°, 25%, 54%
XYZ	15.9682, 15.0506, 26.1082
YIQ	109.6700, -7.3380, 11.8460

Conversions

Conversions Part 2

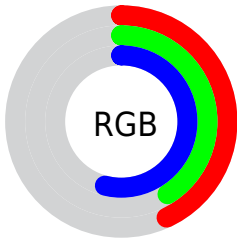
Format	Color
R_{YB}	110, 104, 138
Decimal	7235722
CIE Lab	45.70, 9.93, -17.87
CIE LCh	46, 20.441, 299.068
Yxy	15.0506, 0.2795, 0.2635
Android (android.graphics.Color)	4285425802 (0xFF6E688A)
YUV	109.6700, 13.9667, 0.2894
Hunter-Lab	38.7951, 5.5798, -12.7442

Details

The XYZ color **15.9682, 15.0506, 26.1082** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.1033, 24.0823, 16.6334**, and the grayscale version is **14.6898, 15.4548, 16.8303**.

A 20% lighter version of the original color is **36.1361, 34.9298, 54.7067**, and **5.2112, 4.6550, 9.8564** is the 20% darker color. If you saturate the color by 10%, you get **13.3668, 11.8137, 25.6208**, and if you desaturate by 10%, it is **18.9793, 18.8369, 26.6806**.

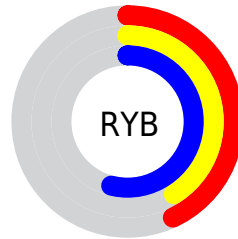
Distribution



Red (43%)

Green (41%)

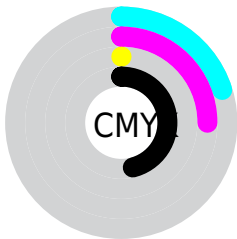
Blue (54%)



Red (43%)

Yellow (41%)

Blue (54%)

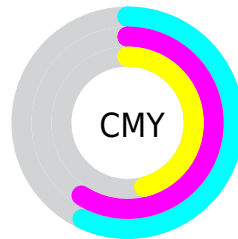


Cyan (20%)

Magenta (25%)

Yellow (0%)

Black (46%)



Cyan (57%)

Magenta (59%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9682, 15.0506, 26.1082 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 15.9682, 15.0506, 26.1082 by changing the saturation by 10% instead.

■ 15.9682, 15.0506,
26.1082

■ 15.9682, 15.0506,
26.1082

222.4281,
223.6723, 296.9352

■ 9.5924, 8.8549,
16.6781

■ 36.1009, 34.9419,
54.4357

■ 5.1897, 4.6467,
9.8457

■ 50.5884, 49.4063,
74.1701

■ 2.3949, 2.0415,
5.1925

■ 68.5106, 67.3958,
98.1765

■ 0.8426, 0.6314,
2.3000

■ 90.2327, 89.2947,
126.8732

■ 0.0000, 0.0000,
0.7312

116.1202,
115.4874, 160.6789

■ 0.0000, 0.0000,
0.0000

146.5383,

146.3583, 200.0121

181.8525,
182.2918, 245.2914

■ 15.9682, 15.0506,
26.1082

■ 15.9682, 15.0506,
26.1082

■ 13.3668, 11.8137,
25.6208

■ 18.9793, 18.8369,
26.6806

■ 11.1557, 9.0988,
25.2133

■ 22.4155, 23.1946,
27.3406

■ 9.3162, 6.8788,
24.8817

■ 26.2929, 28.1470,
28.0921

■ 7.8274, 5.1234,
24.6214

■ 30.6268, 33.7153,
28.9385

■ 6.6661, 3.7989,
24.4269

■ 35.4312, 39.9197,
29.8829

■ 5.8066, 2.8671,
24.2924

■ 40.7199, 46.7796,
30.9282

■ 5.2164, 2.2785,
24.2099

■ 46.5060, 54.3133,
32.0774

■ 4.9726, 2.0335,
24.1754

■ 52.8022, 62.5388,
33.3332

■ 59.6204, 71.4730,
34.6983

Harmonies

Analogous

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



14.2515, 15.0506, 27.7632



15.9682, 15.0506, 26.1082



17.3250, 15.0506, 21.7385

Triad

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



15.9682, 15.0506, 26.1082



16.0684, 15.0506, 9.5469



11.2542, 15.0506, 16.2343

Complementary

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



15.9682, 15.0506, 26.1082



21.1033, 24.0823, 16.6334

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.



11.6583, 15.0506, 11.9957



15.9682, 15.0506, 26.1082



14.3589, 15.0506, 8.6409

Square

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



15.9682, 15.0506, 26.1082



17.3861, 15.0506, 12.2133



12.7618, 15.0506, 9.4401



11.6116, 15.0506, 21.4187

Rectangle

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



15.9682, 15.0506, 26.1082



17.7942, 15.0506, 18.2451



12.7618, 15.0506, 9.4401



11.3049, 15.0506, 14.6606

Sweetspot

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



15.9687, 15.0512, 26.1085



37.9165, 38.8566, 47.8848



18.5934, 21.3715, 27.1901



8.4393, 8.6325, 10.7278



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.9687, 15.0512, 26.1085



25.3088, 22.9903, 45.4868



18.2411, 16.2227, 26.2149



4.8517, 4.9320, 6.3021



4.5686, 1.8693, 22.1657



0.0392, 0.0170, 0.1477

Inverse Universe

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



19.5968, 16.9704, 24.0729



32.9685, 27.0453, 41.0435



18.7018, 22.8443, 16.5210



5.1966, 5.1141, 6.1238



12.3810, 6.0625, 15.0423



0.0868, 0.0421, 0.1242

Previews

White Background



This preview shows how the XYZ color 15.9682, 15.0506, 26.1082 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 15.9682, 15.0506, 26.1082 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 15.9682, 15.0506, 26.1082

Background



This preview shows how black text looks on a background with the XYZ color 15.9682, 15.0506, 26.1082.



This preview shows how white text looks on a background with the XYZ color 15.9682, 15.0506,

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

15.9682, 15.0506, 26.1082

Protanopia

15.1369, 15.0615, 26.9203

Deuteranopia

15.3350, 15.0266, 26.1369



Tritanopia

14.5173, 15.0736, 18.9740

Trichromacy



Original Color

15.9682, 15.0506, 26.1082

Protanomaly

15.4078, 15.0557, 26.5201

Deuteranomaly

15.5829, 15.0023, 26.1192

Tritanomaly

15.0228, 15.1219, 21.5291

Monochromacy



Original Color

15.9682, 15.0506, 26.1082

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.1831, 15.3962, 19.9408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9682, 15.0506, 26.1082 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(110, 104, 138)` looks like.

```
.text, #text, p{  
    color:rgb(110, 104, 138)  
}
```

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(110, 104, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 104, 138) }
```

Border

The CSS property to change the border of an element to XYZ 15.9682, 15.0506, 26.1082 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(110, 104, 138) }
```


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

```
.border{ border-color:rgb(110, 104, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 104, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 104, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 104, 138);  
box-shadow:4px 4px 4px 4px rgb(110, 104,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9682, 15.0506, 26.1082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 104, 138) }
```

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

```
.background{ background-color: rgb(110,  
104, 138) }
```

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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