

Converting Colors

XYZ(25.8807, 19.7589, 29.6571)

Have a look what the booklet for
XYZ(25.8807, 19.7589, 29.6571)
contains.

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Color

**XYZ(25.8760, 19.7936,
29.6509)**

Conversions

Conversions Part 1

Format	Color
Hex	A76692
RGB	167, 102, 146
RGB Percent	65%, 40%, 57%
CMY	0.3451, 0.6000, 0.4274
CMYK	0.00, 0.39, 0.13, 0.35
HSL	319°, 27%, 53%
HSV	319°, 39%, 65%
XYZ	25.8760, 19.7936, 29.6509
YIQ	126.4510, 24.6160, 27.4640

Conversions

Conversions Part 2

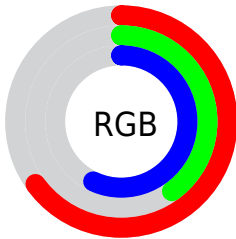
Format	Color
R_{YB}	167, 102, 146
Decimal	10970770
CIE _{Lab}	51.60, 32.67, -13.08
CIE _{LCh}	52, 35.186, 338.181
Yxy	19.7936, 0.3435, 0.2628
Android (android.graphics.Color)	4289160850 (0xFFA76692)
YUV	126.4510, 9.6377, 35.5615
Hunter-Lab	44.4900, 25.9606, -8.3715

Details

The XYZ color **25.8760, 19.7936, 29.6509** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.8742, 31.8928, 23.6906**, and the grayscale version is **19.9477, 20.9865, 22.8543**.

A 20% lighter version of the original color is **52.4124, 42.9693, 60.1751**, and **10.2781, 6.9498, 11.6262** is the 20% darker color. If you saturate the color by 10%, you get **23.9873, 16.6719, 26.9992**, and if you desaturate by 10%, it is **28.1163, 23.5862, 32.5179**.

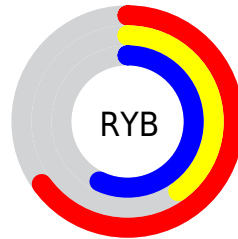
Distribution



Red (65%)

Green (40%)

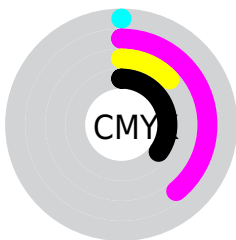
Blue (57%)



Red (65%)

Yellow (40%)

Blue (57%)

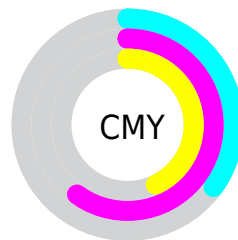


Cyan (0%)

Magenta (39%)

Yellow (13%)

Black (35%)



Cyan (35%)


Magenta (60%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.8760, 19.7936, 29.6509 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 25.8760, 19.7936, 29.6509 by changing the saturation by 10% instead.


 25.8760, 19.7936,
29.6509


 25.8760, 19.7936,
29.6509


274.4407,
250.7956, 314.4303


 16.8631, 12.2451,
19.3240


 52.5076, 43.0709,
60.1641

 10.2316, 6.9108,
11.7254


 70.8569, 59.5684,
81.1875

 5.6162, 3.4064,
6.4367

 93.0492, 79.8178,
106.6134

 2.6516, 1.3474,
3.0394

 119.4496,
104.2034, 136.8604

 0.9723, 0.1775,
1.1148

150.4236,
133.1095, 172.3471

 0.0000, 0.0000,
0.0000

186.3366,

166.9207, 213.4919

227.5538,
206.0212, 260.7135

■ 25.8760, 19.7936,
29.6509

■ 25.8760, 19.7936,
29.6509

■ 23.9873, 16.6719,
26.9992

■ 28.1163, 23.5862,
32.5179

■ 22.4282, 14.1784,
24.5537

■ 30.7250, 28.0838,
35.6066

■ 21.1769, 12.2697,
22.3058

■ 33.7199, 33.3213,
38.9244

■ 20.2081, 10.8955,
20.2457

■ 37.1172, 39.3305,
42.4778

■ 19.4921, 9.9971,
18.3621

■ 40.9319, 46.1413,
46.2733

■ 18.9721, 9.4611,
16.6347

■ 45.1786, 53.7822,
50.3168

■ 18.9195, 9.4088,
16.4546

■ 49.8708, 62.2800,
54.6140

■ 55.0215, 71.6605,
59.1705

■ 60.6434, 81.9483,
63.9916

Harmonies

Analogous

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



23.3483, 19.7936, 40.8234



25.8760, 19.7936, 29.6509



26.3975, 19.7936, 18.8921

Triad

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



25.8760, 19.7936, 29.6509



17.8600, 19.7936, 7.4301



13.9484, 19.7936, 36.0085

Complementary

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



25.8760, 19.7936, 29.6509



22.8742, 31.8928, 23.6906

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.



12.8415, 19.7936, 24.4502



25.8760, 19.7936, 29.6509



14.9071, 19.7936, 9.5620

Square

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



25.8760, 19.7936, 29.6509



21.4617, 19.7936, 8.0356



13.1690, 19.7936, 15.0808



16.3921, 19.7936, 45.2246

Rectangle

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



25.8760, 19.7936, 29.6509



25.4827, 19.7936, 13.5859



13.1690, 19.7936, 15.0808



13.4226, 19.7936, 32.1460

Sweetspot

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



25.8766, 19.7945, 29.6513



58.5430, 56.4329, 67.7053



19.8363, 16.4742, 38.6937



12.9502, 12.3648, 14.9854



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.8766, 19.7945, 29.6513



43.2923, 30.4008, 48.8434



23.7210, 18.9323, 18.2999



7.7372, 7.6248, 8.9336



14.5005, 7.2089, 12.7129



0.3747, 0.1841, 0.4245

Inverse Universe

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



25.8766, 19.7945, 29.6513



43.2923, 30.4008, 48.8434



25.2223, 32.8320, 36.0554



7.7372, 7.6248, 8.9336



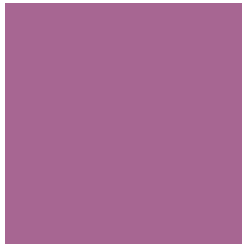
14.5005, 7.2089, 12.7129



0.3747, 0.1841, 0.4245

Previews

White Background



This preview shows how the XYZ color 25.8760, 19.7936, 29.6509 looks on a white background.

Color Contrast Check

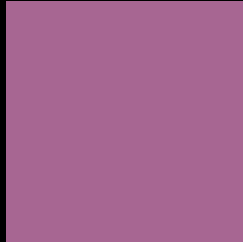
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 25.8760, 19.7936, 29.6509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

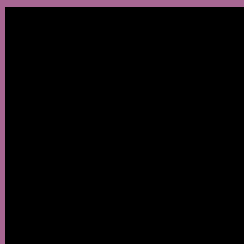
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.8760, 19.7936, 29.6509

Background



This preview shows how black text looks on a background with the XYZ color 25.8760, 19.7936, 29.6509.



This preview shows how white text looks on a background with the XYZ color 25.8760, 19.7936,

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

25.8760, 19.7936, 29.6509

Protanopia

20.1147, 19.9678, 36.0517

Deuteranopia

20.2786, 19.8517, 28.7496



Tritanopia

23.8248, 19.8786, 19.1042

Trichromacy



Original Color

25.8760, 19.7936, 29.6509

Protanomaly

21.7200, 19.6146, 33.6516

Deuteranomaly

21.9237, 19.4866, 28.9913

Tritanomaly

24.5018, 19.8397, 22.6167

Monochromacy



Original Color

25.8760, 19.7936, 29.6509

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.5794, 20.0788, 24.9285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8760, 19.7936, 29.6509 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(167, 102, 146)` looks like.

```
.text, #text, p{  
    color:rgb(167, 102, 146)  
}
```

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(167, 102, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 102, 146) }
```

Border

The CSS property to change the border of an element to XYZ 25.8760, 19.7936, 29.6509 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(167, 102, 146) }
```


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

```
.border{ border-color:rgb(167, 102, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 102, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 102, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 102, 146);  
box-shadow:4px 4px 4px 4px rgb(167, 102,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8760, 19.7936, 29.6509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 102, 146) }
```

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

```
.background{ background-color: rgb(167,  
102, 146) }
```

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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