

Converting Colors

XYZ(26.1752, 20.6436, 37.3494)

Have a look what the booklet for
XYZ(26.1752, 20.6436, 37.3494)
contains.

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Color

**XYZ(26.2715, 20.7404,
37.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6CA3
RGB	159, 108, 163
RGB Percent	62%, 42%, 64%
CMY	0.3765, 0.5765, 0.3608
CMYK	0.02, 0.34, 0.00, 0.36
HSL	296°, 23%, 53%
HSV	296°, 34%, 64%
XYZ	26.2715, 20.7404, 37.2690
YIQ	129.5190, 12.7410, 27.9170

Conversions

Conversions Part 2

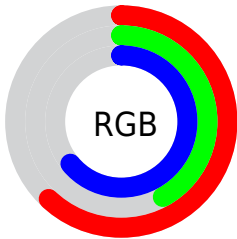
Format	Color
R _Y B	159, 108, 163
Decimal	10448035
CIE _{Lab}	52.66, 29.73, -21.52
CIE _{LCh}	53, 36.703, 324.110
Y _{xy}	20.7404, 0.3117, 0.2461
Android (android.graphics.Color)	4288638115 (0xFF9F6CA3)
Y _{UV}	129.5190, 16.5061, 25.8548
Hunter-Lab	45.5416, 23.2731, -16.6408

Details

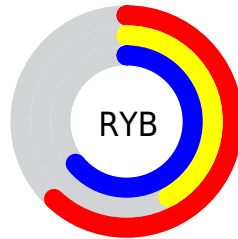
The XYZ color **26.2715, 20.7404, 37.2690** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.4868, 30.7224, 18.9332**, and the grayscale version is **20.9896, 22.0827, 24.0481**.

A 20% lighter version of the original color is **52.9573, 44.4997, 72.1278**, and **10.3771, 7.3398, 15.9087** is the 20% darker color. If you saturate the color by 10%, you get **24.4768, 17.4978, 36.7380**, and if you desaturate by 10%, it is **28.3912, 24.6287, 37.9081**.

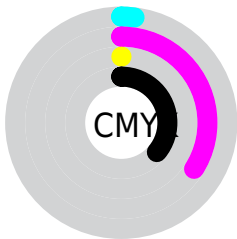
Distribution



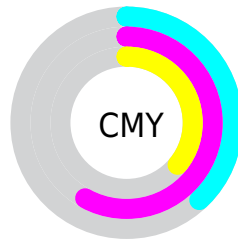
- Red (62%)
- Green (42%)
- Blue (64%)



- Red (62%)
- Yellow (42%)
- Blue (64%)



- Cyan (2%)
- Magenta (34%)
- Yellow (0%)
- Black (36%)



- Cyan (38%)
- Magenta (58%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2715, 20.7404, 37.2690 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 26.2715, 20.7404, 37.2690 by changing the saturation by 10% instead.

■ 26.2715, 20.7404,
37.2690

■ 26.2715, 20.7404,
37.2690

276.3446,
255.8956, 349.6774

■ 17.1606, 12.9344,
25.1184

■ 53.1408, 44.6551,
72.1773

■ 10.4451, 7.3834,
15.9455

■ 71.6299, 61.5325,
95.7720

■ 5.7596, 3.7030,
9.3316

■ 93.9758, 82.2026,
124.0186

■ 2.7387, 1.5088,
4.8584

■ 120.5439,
107.0496, 157.3355

■ 1.0171, 0.2949,
2.1071

151.6994,
136.4581, 196.1413

■ 0.0000, 0.0000,
0.6200

187.8078,

■ 0.0000, 0.0000,

170.8123, 240.8545

0.0000

229.2345,
210.4967, 291.8937

■ 26.2715, 20.7404,
37.2690

■ 26.2715, 20.7404,
37.2690

■ 24.4768, 17.4978,
36.7380

■ 28.3912, 24.6287,
37.9081

■ 22.9871, 14.8624,
36.3078

■ 30.8505, 29.1932,
38.6595

■ 21.7833, 12.7956,
35.9724

■ 33.6654, 34.4657,
39.5288

■ 20.8436, 11.2534,
35.7242

■ 36.8504, 40.4749,
40.5209

■ 20.1424, 10.1852,
35.5550

■ 40.4192, 47.2484,
41.6402

■ 19.6498, 9.5305,
35.4546

■ 44.3848, 54.8120,
42.8911

■ 19.4007, 9.2377,
35.4112

■ 48.7594, 63.1903,
44.2777

■ 53.5550, 72.4072,
45.8040

■ 58.7829, 82.4851,
47.4737

Harmonies

Analogous

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



22.8633, 20.7404, 47.6907



26.2715, 20.7404, 37.2690



27.9451, 20.7404, 24.8074

Triad

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



26.2715, 20.7404, 37.2690



20.4753, 20.7404, 7.4708



13.7482, 20.7404, 32.2950

Complementary

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



26.2715, 20.7404, 37.2690



22.4868, 30.7224, 18.9332

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.



13.2809, 20.7404, 20.4953



26.2715, 20.7404, 37.2690



16.8665, 20.7404, 8.3248

Square

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



26.2715, 20.7404, 37.2690



24.3325, 20.7404, 9.4828



14.3486, 20.7404, 12.3721



15.7188, 20.7404, 44.2303

Rectangle

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



26.2715, 20.7404, 37.2690



27.7154, 20.7404, 17.8396



14.3486, 20.7404, 12.3721



13.4217, 20.7404, 28.0999

Sweetspot

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



26.2722, 20.7413, 37.2694



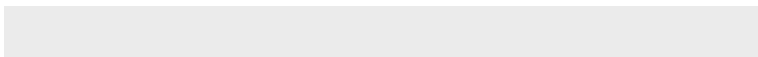
56.9681, 55.4911, 69.7644



18.6548, 17.5510, 37.0551



12.6474, 12.1875, 15.6234



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.2722, 20.7413, 37.2694



44.7408, 32.9614, 66.0602



25.2073, 20.4085, 27.4546



7.3133, 7.1759, 8.9027



15.0941, 7.1878, 27.5216



0.3312, 0.1583, 0.5789

Inverse Universe

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



23.3922, 19.6824, 17.8964



38.8824, 30.8188, 26.1428



23.3734, 31.0195, 26.1994



7.0937, 7.0939, 7.4799



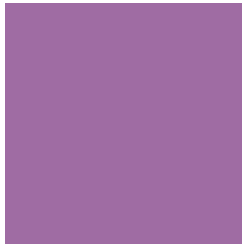
11.7968, 6.0748, 0.8545



0.2538, 0.1300, 0.0490

Previews

White Background



This preview shows how the XYZ color 26.2715, 20.7404, 37.2690 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 26.2715, 20.7404, 37.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

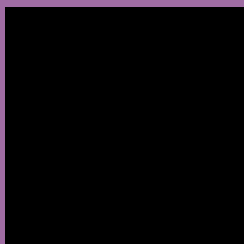
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2715, 20.7404, 37.2690

Background



This preview shows how black text looks on a background with the XYZ color 26.2715, 20.7404, 37.2690.



This preview shows how white text looks on a background with the XYZ color 26.2715, 20.7404,

37.2690.

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

26.2715, 20.7404, 37.2690

Protanopia

21.5011, 20.8900, 43.4564

Deuteranopia

21.2985, 20.9464, 36.1782



Tritanopia

23.2735, 20.8415, 22.1982

Trichromacy



Original Color

26.2715, 20.7404, 37.2690

Protanomaly

22.7312, 20.4863, 41.2843

Deuteranomaly

22.7430, 20.5984, 36.4954

Tritanomaly

24.2756, 20.7423, 27.1503

Monochromacy



Original Color

26.2715, 20.7404, 37.2690

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.8265, 21.5348, 28.5447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2715, 20.7404, 37.2690 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(159, 108, 163)` looks like.

```
.text, #text, p{  
    color:rgb(159, 108, 163)  
}
```

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(159, 108, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 108, 163) }
```

Border

The CSS property to change the border of an element to XYZ 26.2715, 20.7404, 37.2690 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(159, 108, 163) }
```


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

```
.border{ border-color:rgb(159, 108, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 108, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 108, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 108, 163);  
box-shadow:4px 4px 4px 4px rgb(159, 108,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2715, 20.7404, 37.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 108, 163) }
```

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

```
.background{ background-color: rgb(159,  
108, 163) }
```

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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