

Converting Colors

XYZ(26.1084, 20.0211, 38.8291)

Have a look what the booklet for
XYZ(26.1084, 20.0211, 38.8291)
contains.

XYZ(26.2234, 20.0616, 39.0494)	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(26.2234, 20.0616,
39.0494)**

Conversions

Conversions Part 1

Format	Color
Hex	9F68A7
RGB	159, 104, 167
RGB Percent	62%, 41%, 65%
CMY	0.3765, 0.5921, 0.3451
CMYK	0.05, 0.38, 0.00, 0.35
HSL	292°, 26%, 53%
HSV	292°, 38%, 65%
XYZ	26.2234, 20.0616, 39.0494
YIQ	127.6270, 12.5570, 31.2530

Conversions

Conversions Part 2

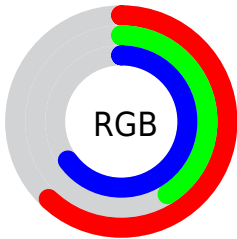
Format	Color
R_{YB}	159, 104, 167
Decimal	10447015
CIE _{Lab}	51.91, 32.80, -25.02
CIE _{LCh}	52, 41.251, 322.669
Yxy	20.0616, 0.3073, 0.2351
Android (android.graphics.Color)	4288637095 (0xFF9F68A7)
YUV	127.6270, 19.4109, 27.5141
Hunter-Lab	44.7902, 26.1240, -20.3376

Details

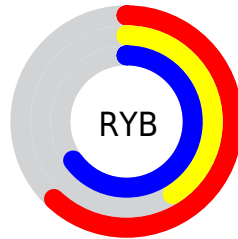
The XYZ color **26.2234, 20.0616, 39.0494** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.0003, 32.0822, 18.0780**, and the grayscale version is **20.3214, 21.3797, 23.2825**.

A 20% lighter version of the original color is **53.0976, 43.4979, 74.7046**, and **10.4046, 7.0344, 17.0290** is the 20% darker color. If you saturate the color by 10%, you get **24.2892, 16.8118, 38.5244**, and if you desaturate by 10%, it is **28.4990, 23.9826, 39.6866**.

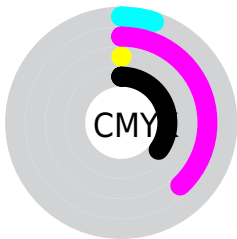
Distribution



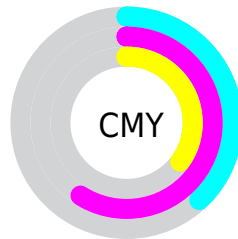
- Red (62%)
- Green (41%)
- Blue (65%)



- Red (62%)
- Yellow (41%)
- Blue (65%)



- Cyan (5%)
- Magenta (38%)
- Yellow (0%)
- Black (35%)



- Cyan (38%)
- Magenta (59%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2234, 20.0616, 39.0494 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 26.2234, 20.0616, 39.0494 by changing the saturation by 10% instead.

■ 26.2234, 20.0616,
39.0494

■ 26.2234, 20.0616,
39.0494

276.1136,
252.2484, 357.5327

■ 17.1244, 12.4398,
26.4900

■ 53.0639, 43.5204,
74.9350

■ 10.4191, 7.0440,
16.9615

■ 71.5360, 60.1263,
99.0982

■ 5.7421, 3.4896,
10.0454

■ 93.8633, 80.4956,
127.9665

■ 2.7281, 1.3924,
5.3231

■ 120.4110,
105.0128, 161.9584

■ 1.0116, 0.2111,
2.3760

151.5446,
134.0623, 201.4925

■ 0.0000, 0.0000,
0.7733

187.6293,

■ 0.0000, 0.0000,

168.0285, 246.9872

0.0000

229.0305,
207.2957, 298.8611

■ 26.2234, 20.0616,
39.0494

■ 26.2234, 20.0616,
39.0494

■ 24.2892, 16.8118,
38.5244

■ 28.4990, 23.9826,
39.6866

■ 22.6747, 14.1911,
38.1036

■ 31.1322, 28.6086,
40.4407

■ 21.3586, 12.1566,
37.7803

■ 34.1406, 33.9739,
41.3178

■ 20.3163, 10.6592,
37.5462

■ 37.5398, 40.1102,
42.3230

■ 19.5190, 9.6413,
37.3917

■ 41.3448, 47.0470,
43.4614

■ 18.9197, 9.0090,
37.3013

■ 45.5695, 54.8125,
44.7377

■ 18.7925, 8.8821,
37.2835

■ 50.2275, 63.4334,
46.1561

■ 55.3315, 72.9352,
47.7212

■ 60.8937, 83.3424,
49.4368

Harmonies

Analogous

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



22.3468, 20.0616, 50.8253



26.2234, 20.0616, 39.0494



28.2336, 20.0616, 24.9242

Triad

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



26.2234, 20.0616, 39.0494



20.1153, 20.0616, 6.0142



12.5544, 20.0616, 32.0050

Complementary

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



26.2234, 20.0616, 39.0494



23.0003, 32.0822, 18.0780

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.



12.1377, 20.0616, 19.0280



26.2234, 20.0616, 39.0494



16.1266, 20.0616, 6.7147

Square

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



26.2234, 20.0616, 39.0494



24.3865, 20.0616, 8.1480



13.3492, 20.0616, 10.6209



14.5850, 20.0616, 45.8257

Rectangle

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



26.2234, 20.0616, 39.0494



28.0645, 20.0616, 17.1612



13.3492, 20.0616, 10.6209



12.2344, 20.0616, 27.3087

Sweetspot

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



26.2241, 20.0625, 39.0498



59.1920, 57.3502, 73.4252



18.5233, 17.4109, 38.9439



13.0883, 12.5521, 16.3851



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.



26.2241, 20.0625, 39.0498



44.1158, 31.1299, 69.1588



25.9137, 20.1276, 28.8654



7.7468, 7.6176, 9.4804



14.4087, 6.8114, 28.5308



0.3758, 0.1787, 0.6953

Inverse Universe

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



23.8120, 19.2869, 17.7980



39.3006, 29.6127, 25.3305



23.3657, 32.1160, 25.0813



7.5684, 7.5572, 8.0447



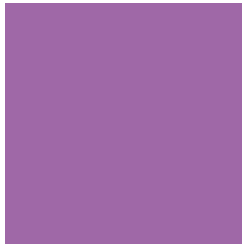
12.3103, 6.3329, 1.1799



0.3109, 0.1586, 0.0886

Previews

White Background



This preview shows how the XYZ color 26.2234, 20.0616, 39.0494 looks on a white background.

Color Contrast Check

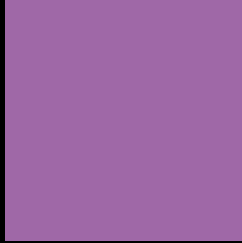
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2234, 20.0616, 39.0494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

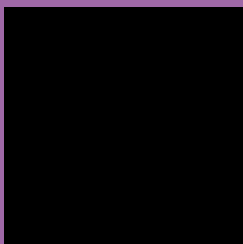
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2234, 20.0616, 39.0494

Background



This preview shows how black text looks on a background with the XYZ color 26.2234, 20.0616, 39.0494.



This preview shows how white text looks on a background with the XYZ color 26.2234, 20.0616,

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

26.2234, 20.0616, 39.0494

Protanopia

21.1257, 20.2585, 46.5129

Deuteranopia

20.7306, 20.2442, 37.9369



Tritanopia

22.5548, 19.9877, 21.0816

Trichromacy



Original Color

26.2234, 20.0616, 39.0494

Protanomaly

22.4247, 19.7560, 43.7057

Deuteranomaly

22.2823, 19.8034, 38.2453

Tritanomaly

23.6809, 19.9554, 26.6484

Monochromacy



Original Color

26.2234, 20.0616, 39.0494

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.1268, 20.6356, 28.4080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2234, 20.0616, 39.0494 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, 104, 167)` looks like.

```
.text, #text, p{  
    color:rgb(159, 104, 167)  
}
```

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, 104, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 104, 167) }
```

Border

The CSS property to change the border of an element to XYZ 26.2234, 20.0616, 39.0494 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, 104, 167) }
```


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

```
.border{ border-color:rgb(159, 104, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 104, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 104, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 104, 167);  
box-shadow:4px 4px 4px 4px rgb(159, 104,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2234, 20.0616, 39.0494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 104, 167) }
```

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

```
.background{ background-color: rgb(159,  
104, 167) }
```

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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