

Converting Colors

XYZ(26.7277, 20.3683, 34.6012)

Have a look what the booklet for
XYZ(26.7277, 20.3683, 34.6012)
contains.

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Color

**XYZ(26.7620, 20.4419,
34.4335)**

Conversions

Conversions Part 1

Format	Color
Hex	A6689D
RGB	166, 104, 157
RGB Percent	65%, 41%, 62%
CMY	0.3490, 0.5921, 0.3843
CMYK	0.00, 0.37, 0.05, 0.35
HSL	309°, 26%, 53%
HSV	309°, 37%, 65%
XYZ	26.7620, 20.4419, 34.4335
YIQ	128.5800, 19.9390, 29.6270

Conversions

Conversions Part 2

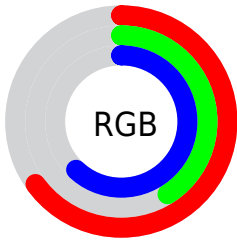
Format	Color
R_{YB}	166, 104, 157
Decimal	10905757
CIE _{Lab}	52.33, 33.18, -18.44
CIE _{LCh}	52, 37.958, 330.927
Yxy	20.4419, 0.3278, 0.2504
Android (android.graphics.Color)	4289095837 (0xFFA6689D)
YUV	128.5800, 14.0111, 32.8173
Hunter-Lab	45.2127, 26.5342, -13.5057

Details

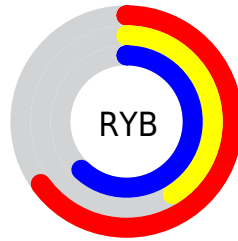
The XYZ color **26.7620, 20.4419, 34.4335** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.3266, 31.4084, 20.5097**, and the grayscale version is **20.6678, 21.7442, 23.6794**.

A 20% lighter version of the original color is **53.8963, 44.0600, 67.9511**, and **10.7778, 7.2837, 14.4735** is the 20% darker color. If you saturate the color by 10%, you get **25.0491, 17.3419, 32.8576**, and if you desaturate by 10%, it is **28.8091, 24.2032, 36.1413**.

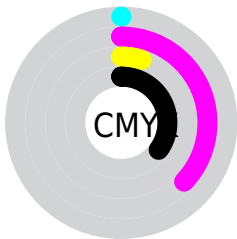
Distribution



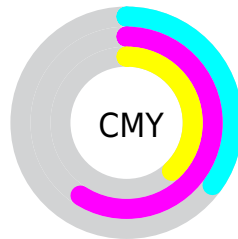
- Red (65%)
- Green (41%)
- Blue (62%)



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



- Cyan (0%)
- Magenta (37%)
- Yellow (5%)
- Black (35%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7620, 20.4419, 34.4335 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 26.7620, 20.4419, 34.4335 by changing the saturation by 10% instead.

■ 26.7620, 20.4419,
34.4335

■ 26.7620, 20.4419,
34.4335

278.6915,
254.2974, 336.8887

■ 17.5302, 12.7167,
22.9468

■ 53.9243, 44.1568,
67.7488

■ 10.7109, 7.2337,
14.3493

■ 72.5855, 60.9153,
90.4145

■ 5.9386, 3.6087,
8.2225

■ 95.1206, 81.4537,
117.6435

■ 2.8481, 1.4572,
4.1478

■ 121.8950,
106.1563, 149.8545

■ 1.0740, 0.2583,
1.7068

153.2738,
135.4076, 187.4660

■ 0.0032, 0.0000,
0.3654

189.6227,

■ 0.0000, 0.0000,

169.5920, 230.8965

0.0000

231.3068,
209.0938, 280.5645

■ 26.7620, 20.4419,
34.4335

■ 26.7620, 20.4419,
34.4335

■ 25.0491, 17.3419,
32.8576

■ 28.8091, 24.2032,
36.1413

■ 23.6492, 14.8616,
31.4057

■ 31.2064, 28.6587,
37.9857

■ 22.5413, 12.9590,
30.0709

■ 33.9710, 33.8423,
39.9729

■ 21.7015, 11.5860,
28.8452

■ 37.1185, 39.7850,
42.1080

■ 21.1014, 10.6864,
27.7189

■ 40.6634, 46.5160,
44.3961

■ 20.6971, 10.1720,
26.6774

■ 44.6196, 54.0628,
46.8418

■ 20.6012, 10.0572,
26.4082

■ 49.0003, 62.4518,
49.4497

■ 53.8179, 71.7080,
52.2241

■ 59.0846, 81.8555,
55.1690

Harmonies

Analogous

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



23.5514, 20.4419, 46.2825



26.7620, 20.4419, 34.4335



27.9496, 20.4419, 21.9115

Triad

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



26.7620, 20.4419, 34.4335



19.3081, 20.4419, 6.9326



13.6717, 20.4419, 35.2463

Complementary

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



26.7620, 20.4419, 34.4335



22.3266, 31.4084, 20.5097

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.



12.8448, 20.4419, 22.6077



26.7620, 20.4419, 34.4335



15.8188, 20.4419, 8.4337

Square

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



26.7620, 20.4419, 34.4335



23.3129, 20.4419, 8.2528



13.5758, 20.4419, 13.3552



16.0031, 20.4419, 46.8520

Rectangle

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



26.7620, 20.4419, 34.4335



27.3242, 20.4419, 15.4240



13.5758, 20.4419, 13.3552



13.2238, 20.4419, 30.8600

Sweetspot

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



26.7626, 20.4428, 34.4339



59.6375, 57.6312, 71.1238



18.5502, 16.1171, 38.2101



13.1994, 12.6222, 15.8113



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.



26.7626, 20.4428, 34.4339



45.8939, 32.2500, 60.0503



24.4904, 19.5339, 22.4682



7.7944, 7.6476, 9.2345



15.9883, 7.8040, 20.5478



0.4013, 0.1948, 0.5649

Inverse Universe

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



26.7626, 20.4428, 34.4339



45.8939, 32.2500, 60.0503



24.3241, 32.2074, 31.0281



7.7944, 7.6476, 9.2345



15.9883, 7.8040, 20.5478



0.4013, 0.1948, 0.5649

Previews

White Background



This preview shows how the XYZ color 26.7620, 20.4419, 34.4335 looks on a white background.

Color Contrast Check

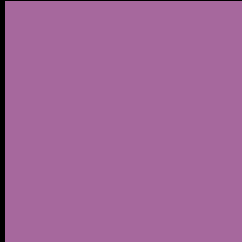
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7620, 20.4419, 34.4335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

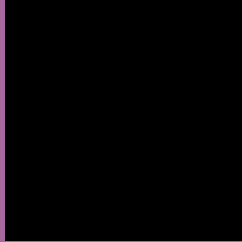
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7620, 20.4419, 34.4335

Background



This preview shows how black text looks on a background with the XYZ color 26.7620, 20.4419, 34.4335.



This preview shows how white text looks on a background with the XYZ color 26.7620, 20.4419,

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

26.7620, 20.4419, 34.4335

Protanopia

21.1139, 20.7351, 41.4175

Deuteranopia

21.0841, 20.7100, 33.4580



Tritanopia

23.7725, 20.3020, 20.4350

Trichromacy



Original Color

26.7620, 20.4419, 34.4335

Protanomaly

22.6043, 20.3010, 38.8035

Deuteranomaly

22.8092, 20.3463, 33.7354

Tritanomaly

24.7005, 20.2051, 24.7884

Monochromacy



Original Color

26.7620, 20.4419, 34.4335

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.5320, 21.0478, 27.3012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7620, 20.4419, 34.4335 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(166, 104, 157)` looks like.

```
.text, #text, p{  
    color:rgb(166, 104, 157)  
}
```

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(166, 104, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 104, 157) }
```

Border

The CSS property to change the border of an element to XYZ 26.7620, 20.4419, 34.4335 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(166, 104, 157) }
```


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

```
.border{ border-color:rgb(166, 104, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 104, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 104, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 104, 157);  
box-shadow:4px 4px 4px 4px rgb(166, 104,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7620, 20.4419, 34.4335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 104, 157) }
```

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

```
.background{ background-color: rgb(166,  
104, 157) }
```

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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