

Converting Colors

XYZ(26.3199, 19.2686, 54.3362)

Have a look what the booklet for
XYZ(26.3199, 19.2686, 54.3362)
contains.

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Color

**XYZ(26.4715, 19.4039,
54.5747)**

Conversions

Conversions Part 1

Format	Color
Hex	9265C4
RGB	146, 101, 196
RGB Percent	57%, 40%, 77%
CMY	0.4274, 0.6039, 0.2314
CMYK	0.26, 0.48, 0.00, 0.23
HSL	268°, 45%, 58%
HSV	268°, 48%, 77%
XYZ	26.4715, 19.4039, 54.5747
YIQ	125.2850, -3.6750, 39.0850

Conversions

Conversions Part 2

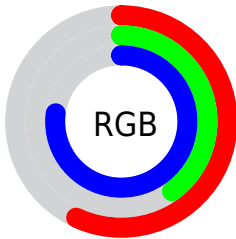
Format	Color
R_{YB}	146, 101, 196
Decimal	9594308
CIE _{Lab}	51.16, 37.06, -43.08
CIE _{LCh}	51, 56.828, 310.701
Yxy	19.4039, 0.2635, 0.1932
Android (android.graphics.Color)	4287784388 (0xFF9265C4)
YUV	125.2850, 34.8625, 18.1671
Hunter-Lab	44.0499, 30.1813, -42.6213

Details

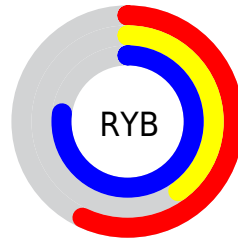
The XYZ color **26.4715, 19.4039, 54.5747** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **34.8520, 46.9992, 19.5475**, and the grayscale version is **19.4767, 20.4910, 22.3147**.

A 20% lighter version of the original color is **53.4780, 42.4309, 98.2999**, and **10.5241, 6.6843, 26.3267** is the 20% darker color. If you saturate the color by 10%, you get **23.0388, 15.1385, 53.9327**, and if you desaturate by 10%, it is **30.5250, 24.6637, 55.3766**.

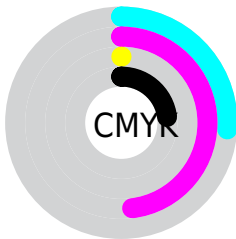
Distribution



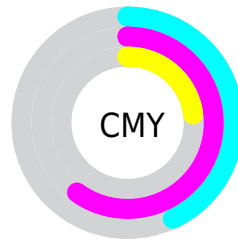
- Red (57%)
- Green (40%)
- Blue (77%)



- Red (57%)
- Yellow (40%)
- Blue (77%)



- Cyan (26%)
- Magenta (48%)
- Yellow (0%)
- Black (23%)



- Cyan (43%)
- Magenta (60%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4715, 19.4039, 54.5747 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 26.4715, 19.4039, 54.5747 by changing the saturation by 10% instead.

■ 26.4715, 19.4039,
54.5747

■ 26.4715, 19.4039,
54.5747

277.3035,
248.6695, 421.5342

■ 17.3112, 11.9625,
38.6650

■ 53.4605, 42.4155,
98.3824

■ 10.5533, 6.7181,
26.1934

■ 72.0200, 58.7545,
127.1176

■ 5.8324, 3.2865,
16.7413

■ 94.4432, 78.8281,
160.9649

■ 2.7831, 1.2831,
9.8902

■ 121.0956,
103.0207, 200.3431

■ 1.0401, 0.1280,
5.2216

152.3424,
131.7168, 245.6705

■ 0.0000, 0.0000,
2.3168

188.5491,

■ 0.0000, 0.0000,

165.3007, 297.3658

0.7406

230.0810,
204.1568, 355.8475

■ 0.0000, 0.0000,
0.0000

■ 26.4715, 19.4039,
54.5747

■ 26.4715, 19.4039,
54.5747

■ 23.0388, 15.1385,
53.9327

■ 30.5250, 24.6637,
55.3766

■ 20.1874, 11.7973,
53.4380

■ 35.2307, 30.9768,
56.3472

■ 17.8765, 9.3044,
53.0787

■ 40.6205, 38.4001,
57.4959

■ 16.0575, 7.5701,
52.8398

■ 46.7234, 46.9859,
58.8315

■ 14.6561, 6.4528,
52.6980

■ 53.5664, 56.7828,
60.3618

■ 14.4622, 6.3045,
52.6796

■ 61.1754, 67.8368,
62.0944

■ 69.5747, 80.1913,
64.0364

■ 77.8867, 92.0861,
65.8942

■ 81.2679, 93.8292,
66.0525

Harmonies

Analogous

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



20.5341, 19.4039, 68.8054



26.4715, 19.4039, 54.5747



30.7112, 19.4039, 33.1666

Triad

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



26.4715, 19.4039, 54.5747



22.2707, 19.4039, 3.2678



9.6962, 19.4039, 27.4460

Complementary

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



26.4715, 19.4039, 54.5747



34.8520, 46.9992, 19.5475

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.



9.9734, 19.4039, 12.4239



26.4715, 19.4039, 54.5747



16.4986, 19.4039, 2.9321

Square

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



26.4715, 19.4039, 54.5747



27.9640, 19.4039, 6.6417



12.2277, 19.4039, 5.2306



11.3729, 19.4039, 48.5984

Rectangle

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



26.4715, 19.4039, 54.5747



31.5756, 19.4039, 20.7494



12.2277, 19.4039, 5.2306



9.5742, 19.4039, 21.5103

Sweetspot

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



26.4722, 19.4047, 54.5751



77.0160, 74.3567, 104.9008



26.5055, 29.1014, 56.4451



15.9950, 15.2305, 22.3467



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.4722, 19.4047, 54.5751



41.4856, 27.1219, 97.6563



36.5679, 24.6091, 55.0476



9.9719, 9.9767, 12.6849



9.3904, 4.1014, 33.8533



0.4853, 0.2182, 1.4664

Inverse Universe

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



33.0051, 23.2782, 32.0324



55.2590, 35.2966, 49.7673



27.8178, 43.3730, 19.2184



10.2897, 10.1645, 11.6160



16.2495, 8.1895, 9.2257



0.7367, 0.3677, 0.5810

Previews

White Background



This preview shows how the XYZ color 26.4715, 19.4039, 54.5747 looks on a white background.

Color Contrast Check

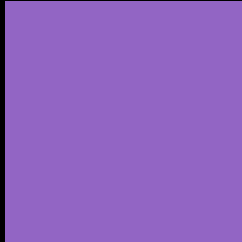
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4715, 19.4039, 54.5747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

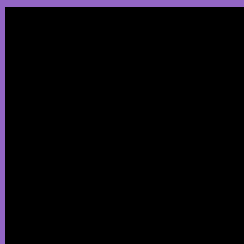
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4715, 19.4039, 54.5747

Background



This preview shows how black text looks on a background with the XYZ color 26.4715, 19.4039, 54.5747.



This preview shows how white text looks on a background with the XYZ color 26.4715, 19.4039,

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

26.4715, 19.4039, 54.5747

Protanopia

21.9153, 19.7032, 65.5988

Deuteranopia

20.1301, 19.6097, 52.5932



Tritanopia

20.0236, 19.3232, 22.7531

Trichromacy



Original Color

26.4715, 19.4039, 54.5747

Protanomaly

22.7656, 19.0364, 61.5060

Deuteranomaly

21.7064, 19.0107, 52.9775

Tritanomaly

21.8332, 19.0392, 32.2300

Monochromacy



Original Color

26.4715, 19.4039, 54.5747

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.5042, 19.7117, 31.9495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4715, 19.4039, 54.5747 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(146, 101, 196)` looks like.

```
.text, #text, p{  
    color:rgb(146, 101, 196)  
}
```

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(146, 101, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 101, 196) }
```

Border

The CSS property to change the border of an element to XYZ 26.4715, 19.4039, 54.5747 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(146, 101, 196) }
```


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

```
.border{ border-color:rgb(146, 101, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 101, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 101, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 101, 196);  
box-shadow:4px 4px 4px 4px rgb(146, 101,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4715, 19.4039, 54.5747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 101, 196) }
```

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

```
.background{ background-color: rgb(146,  
101, 196) }
```

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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