

Converting Colors

XYZ(26.4266, 20.5526, 56.6083)

Have a look what the booklet for
XYZ(26.4266, 20.5526, 56.6083)
contains.

XYZ(26.4249, 20.5498, 56.6066)	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(26.4249, 20.5498,
56.6066)**

Conversions

Conversions Part 1

Format	Color
Hex	8B6DC7
RGB	139, 109, 199
RGB Percent	55%, 43%, 78%
CMY	0.4549, 0.5725, 0.2196
CMYK	0.30, 0.45, 0.00, 0.22
HSL	260°, 45%, 60%
HSV	260°, 45%, 78%
XYZ	26.4249, 20.5498, 56.6066
YIQ	128.2300, -11.0100, 34.3500

Conversions

Conversions Part 2

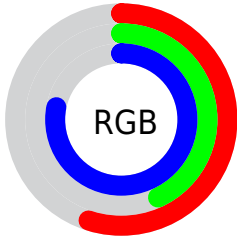
Format	Color
R _Y B	139, 109, 199
Decimal	9137607
CIE Lab	52.45, 31.28, -42.79
CIE LCh	52, 53.005, 306.161
Yxy	20.5498, 0.2551, 0.1984
Android (android.graphics.Color)	4287327687 (0xFF8B6DC7)
YUV	128.2300, 34.8896, 9.4453
Hunter-Lab	45.3319, 24.7206, -42.3040

Details

The XYZ color **26.4249, 20.5498, 56.6066** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **39.5464, 50.3864, 22.1100**, and the grayscale version is **20.4837, 21.5505, 23.4685**.

A 20% lighter version of the original color is **53.3005, 44.3118, 100.3515**, and **10.6173, 7.3603, 27.6491** is the 20% darker color. If you saturate the color by 10%, you get **22.4551, 15.7010, 55.8803**, and if you desaturate by 10%, it is **31.1457, 26.4998, 57.5066**.

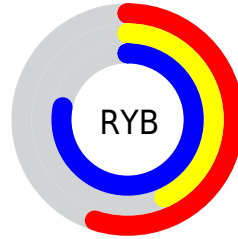
Distribution



Red (55%)

Green (43%)

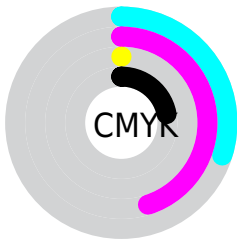
Blue (78%)



Red (55%)

Yellow (43%)

Blue (78%)

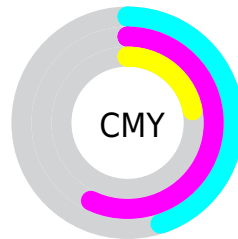


Cyan (30%)

Magenta (45%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (57%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4249, 20.5498, 56.6066 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 26.4249, 20.5498, 56.6066 by changing the saturation by 10% instead.

■ 26.4249, 20.5498,
56.6066

■ 26.4249, 20.5498,
56.6066

277.0803,
254.8762, 429.4259

■ 17.2761, 12.7953,
40.2822

■ 53.3861, 44.3371,
101.3856

■ 10.5281, 7.2878,
27.4432

■ 71.9291, 61.1386,
130.6772

■ 5.8154, 3.6427,
17.6710

■ 94.3344, 81.7247,
165.1284

■ 2.7728, 1.4758,
10.5470

■ 120.9671,
106.4796, 205.1577

■ 1.0348, 0.2716,
5.6528

152.1927,
135.7879, 251.1835

■ 0.0000, 0.0000,
2.5698

188.3766,

■ 0.0000, 0.0000,

170.0338, 303.6244

0.8768

229.8840,
209.6017, 362.8991

■ 0.0000, 0.0000,
0.0000

■ 26.4249, 20.5498,
56.6066

■ 26.4249, 20.5498,
56.6066

■ 22.4551, 15.7010,
55.8803

■ 31.1457, 26.4998,
57.5066

■ 19.1915, 11.8804,
55.3148

■ 36.6539, 33.6130,
58.5893

■ 16.5877, 9.0096,
54.8980

■ 42.9864, 41.9492,
59.8646

■ 14.5901, 6.9975,
54.6149

■ 50.1768, 51.5636,
61.3414

■ 13.1347, 5.7334,
54.4476

■ 58.2571, 62.5078,
63.0280

■ 12.5783, 5.2935,
54.3920

■ 67.2571, 74.8308,
64.9322

■ 77.2056, 88.5787,
67.0614

■ 83.7722, 95.0803,
67.9703

■ 87.3089, 96.9036,
68.1358

Harmonies

Analogous

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



20.6837, 20.5498, 67.7234



26.4249, 20.5498, 56.6066



30.8292, 20.5498, 36.9049

Triad

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



26.4249, 20.5498, 56.6066



24.1027, 20.5498, 4.5768



10.8243, 20.5498, 25.7694

Complementary

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



26.4249, 20.5498, 56.6066



39.5464, 50.3864, 22.1100

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.



11.3990, 20.5498, 12.2688



26.4249, 20.5498, 56.6066



18.4238, 20.5498, 3.7938

Square

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



26.4249, 20.5498, 56.6066



29.3228, 20.5498, 8.8843



13.9558, 20.5498, 5.7945



12.2064, 20.5498, 45.2943

Rectangle

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



26.4249, 20.5498, 56.6066



32.0298, 20.5498, 24.4547



13.9558, 20.5498, 5.7945



10.7992, 20.5498, 20.4171

Sweetspot

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



26.4257, 20.5506, 56.6071



76.4795, 75.0620, 105.0652



30.8041, 35.7513, 59.3104



15.8160, 15.3314, 22.3756



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.



26.4257, 20.5506, 56.6071



39.5917, 27.8204, 97.8909



35.5452, 25.2519, 57.0339



10.3843, 10.4564, 13.3885



8.1717, 3.4469, 34.9790



0.4641, 0.2030, 1.6599

Inverse Universe

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



36.1838, 25.9446, 40.6372



59.1572, 38.6610, 64.7303



31.4965, 46.2366, 21.7333



10.9270, 10.7542, 12.5988



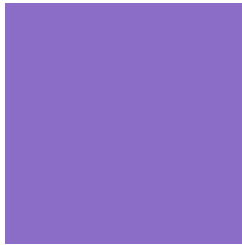
17.8947, 8.9075, 15.1875



0.8799, 0.4348, 0.8908

Previews

White Background



This preview shows how the XYZ color 26.4249, 20.5498, 56.6066 looks on a white background.

Color Contrast Check

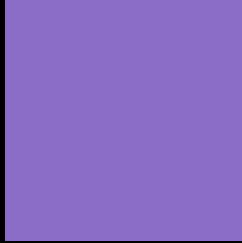
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4249, 20.5498, 56.6066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

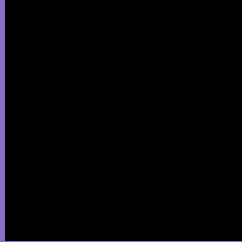
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4249, 20.5498, 56.6066

Background



This preview shows how black text looks on a background with the XYZ color 26.4249, 20.5498, 56.6066.



This preview shows how white text looks on a background with the XYZ color 26.4249, 20.5498,

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

26.4249, 20.5498, 56.6066

Protanopia

22.7419, 20.6969, 64.4243

Deuteranopia

21.3219, 20.7275, 55.1016



Tritanopia

20.1149, 20.5722, 25.4649

Trichromacy



Original Color

26.4249, 20.5498, 56.6066

Protanomaly

23.6872, 20.3534, 61.7116

Deuteranomaly

22.7383, 20.3507, 55.5530

Tritanomaly

22.1285, 20.4876, 35.1360

Monochromacy



Original Color

26.4249, 20.5498, 56.6066

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.1858, 20.9134, 33.4392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4249, 20.5498, 56.6066 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(139, 109, 199)` looks like.

```
.text, #text, p{  
    color:rgb(139, 109, 199)  
}
```

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(139, 109, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 109, 199) }
```

Border

The CSS property to change the border of an element to XYZ 26.4249, 20.5498, 56.6066 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(139, 109, 199) }
```


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

```
.border{ border-color:rgb(139, 109, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 109, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 109, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 109, 199);  
box-shadow:4px 4px 4px 4px rgb(139, 109,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4249, 20.5498, 56.6066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 109, 199) }
```

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

```
.background{ background-color: rgb(139,  
109, 199) }
```

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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