

Converting Colors

XYZ(26.4752, 21.1603, 53.6102)

Have a look what the booklet for
XYZ(26.4752, 21.1603, 53.6102)
contains.

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Color

**XYZ(26.5163, 21.1461,
53.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	8D70C2
RGB	141, 112, 194
RGB Percent	55%, 44%, 76%
CMY	0.4470, 0.5608, 0.2392
CMYK	0.27, 0.42, 0.00, 0.24
HSL	261°, 40%, 60%
HSV	261°, 42%, 76%
XYZ	26.5163, 21.1461, 53.7230
YIQ	130.0190, -9.0380, 31.6500

Conversions

Conversions Part 2

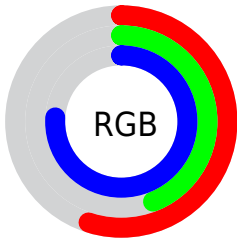
Format	Color
R _Y B	141, 112, 194
Decimal	9269442
CIE _{Lab}	53.11, 28.83, -38.89
CIE _{LCh}	53, 48.404, 306.550
Yxy	21.1461, 0.2615, 0.2086
Android (android.graphics.Color)	4287459522 (0xFF8D70C2)
YUV	130.0190, 31.5426, 9.6303
Hunter-Lab	45.9849, 22.4550, -37.0776

Details

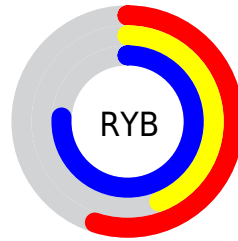
The XYZ color **26.5163, 21.1461, 53.7230** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **37.7339, 47.7532, 22.5585**, and the grayscale version is **21.1198, 22.2197, 24.1972**.

A 20% lighter version of the original color is **53.4530, 45.2517, 97.1840**, and **10.5915, 7.6349, 25.7264** is the 20% darker color. If you saturate the color by 10%, you get **22.5892, 16.2794, 52.9910**, and if you desaturate by 10%, it is **31.1475, 27.0612, 54.6210**.

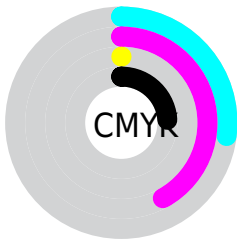
Distribution



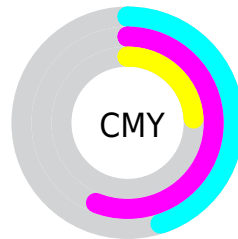
- Red (55%)
- Green (44%)
- Blue (76%)



- Red (55%)
- Yellow (44%)
- Blue (76%)



- Cyan (27%)
- Magenta (42%)
- Yellow (0%)
- Black (24%)



- Cyan (45%)
- Magenta (56%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5163, 21.1461, 53.7230 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 26.5163, 21.1461, 53.7230 by changing the saturation by 10% instead.

■ 26.5163, 21.1461,
53.7230

■ 26.5163, 21.1461,
53.7230

277.5179,
258.0539, 418.1976

■ 17.3450, 13.2308,
37.9886

■ 53.5321, 45.3306,
97.1197

■ 10.5776, 7.5877,
25.6721

■ 72.1073, 62.3685,
125.6191

■ 5.8487, 3.8323,
16.3549

■ 94.5478, 83.2162,
159.2105

■ 2.7931, 1.5802,
9.6186

■ 121.2190,
108.2580, 198.3126

■ 1.0453, 0.3442,
5.0445

152.4863,
137.8783, 243.3437

■ 0.0000, 0.0000,
2.2142

188.7149,

■ 0.0000, 0.0000,

172.4614, 294.7226

0.6826

230.2704,
212.3918, 352.8677

■ 0.0000, 0.0000,
0.0000

■ 26.5163, 21.1461,
53.7230

■ 26.5163, 21.1461,
53.7230

■ 22.5892, 16.2794,
52.9910

■ 31.1475, 27.0612,
54.6210

■ 19.3260, 12.3947,
52.4131

■ 36.5153, 34.0805,
55.6930

■ 16.6856, 9.4215,
51.9784

■ 42.6530, 42.2590,
56.9481

■ 14.6206, 7.2786,
51.6737

■ 49.5909, 51.6470,
58.3945

■ 13.0757, 5.8695,
51.4831

■ 57.3577, 62.2920,
60.0398

■ 12.1645, 5.1461,
51.3915

■ 65.9807, 74.2387,
61.8913

■ 75.4858, 87.5298,
63.9557

■ 81.8805, 94.1711,
64.9006

■ 86.3168, 96.4581,
65.1082

Harmonies

Analogous

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



21.2371, 21.1461, 63.6656



26.5163, 21.1461, 53.7230



30.4938, 21.1461, 36.0937

Triad

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



26.5163, 21.1461, 53.7230



24.2554, 21.1461, 5.6840



11.8517, 21.1461, 26.3757

Complementary

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



26.5163, 21.1461, 53.7230



37.7339, 47.7532, 22.5585

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.



12.3836, 21.1461, 13.5658



26.5163, 21.1461, 53.7230



19.0018, 21.1461, 4.8847

Square

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



26.5163, 21.1461, 53.7230



29.0419, 21.1461, 10.0308



14.8104, 21.1461, 7.0389



13.2105, 21.1461, 44.1033

Rectangle

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



26.5163, 21.1461, 53.7230



31.5508, 21.1461, 24.7549



14.8104, 21.1461, 7.0389



11.8193, 21.1461, 21.3767

Sweetspot

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



26.5171, 21.1469, 53.7235



76.1707, 75.0786, 102.9468



29.9296, 34.3591, 56.0938



16.1120, 15.6802, 22.4273



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.



26.5171, 21.1469, 53.7235



41.2249, 29.8582, 96.0602



34.7530, 25.3927, 54.1089



9.8569, 9.9174, 12.6796



8.0791, 3.4254, 33.7920



0.4244, 0.1868, 1.4636

Inverse Universe

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



34.8343, 25.7750, 38.7367



58.7304, 39.6208, 63.5294



30.5726, 44.0614, 22.2233



10.3411, 10.1851, 11.8870



17.1177, 8.5368, 13.7979



0.7714, 0.3816, 0.7633

Previews

White Background



This preview shows how the XYZ color 26.5163, 21.1461, 53.7230 looks on a white background.

Color Contrast Check

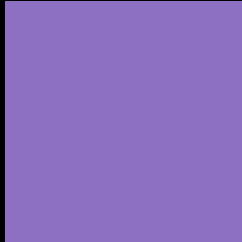
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5163, 21.1461, 53.7230 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 26.5163, 21.1461, 53.7230

Background



This preview shows how black text looks on a background with the XYZ color 26.5163, 21.1461, 53.7230.



This preview shows how white text looks on a background with the XYZ color 26.5163, 21.1461,

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

26.5163, 21.1461, 53.7230

Protanopia

23.0510, 21.3099, 60.6559

Deuteranopia

21.7946, 21.2247, 52.2383



Tritanopia

20.9127, 21.1623, 25.9042

Trichromacy



Original Color

26.5163, 21.1461, 53.7230

Protanomaly

23.9412, 21.0947, 58.0682

Deuteranomaly

23.1619, 20.9912, 52.7001

Tritanomaly

22.5487, 20.9016, 34.2984

Monochromacy



Original Color

26.5163, 21.1461, 53.7230

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.6642, 21.5342, 33.0990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5163, 21.1461, 53.7230 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(141, 112, 194)` looks like.

```
.text, #text, p{  
    color:rgb(141, 112, 194)  
}
```

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(141, 112, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 112, 194) }
```

Border

The CSS property to change the border of an element to XYZ 26.5163, 21.1461, 53.7230 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(141, 112, 194) }
```


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

```
.border{ border-color:rgb(141, 112, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 112, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 112, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 112, 194);  
box-shadow:4px 4px 4px 4px rgb(141, 112,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5163, 21.1461, 53.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 112, 194) }
```

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

```
.background{ background-color: rgb(141,  
112, 194) }
```

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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