

Converting Colors

XYZ(26.1165, 21.2934, 52.6144)

Have a look what the booklet for
XYZ(26.1165, 21.2934, 52.6144)
contains.

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Color

**XYZ(26.1792, 21.3294,
52.6064)**

Conversions

Conversions Part 1

Format	Color
Hex	8B72C0
RGB	139, 114, 192
RGB Percent	55%, 45%, 75%
CMY	0.4549, 0.5529, 0.2471
CMYK	0.28, 0.41, 0.00, 0.25
HSL	259°, 38%, 60%
HSV	259°, 41%, 75%
XYZ	26.1792, 21.3294, 52.6064
YIQ	130.3670, -10.1380, 29.5580

Conversions

Conversions Part 2

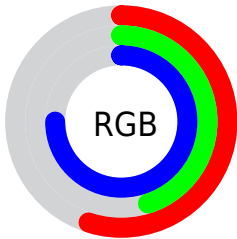
Format	Color
RYB	139, 114, 192
Decimal	9138880
CIELab	53.31, 26.58, -37.44
CIELCh	53, 45.913, 305.370
Yxy	21.3294, 0.2615, 0.2130
Android (android.graphics.Color)	4287328960 (0xFF8B72C0)
YUV	130.3670, 30.3851, 7.5711
Hunter-Lab	46.1838, 20.3609, -35.2066

Details

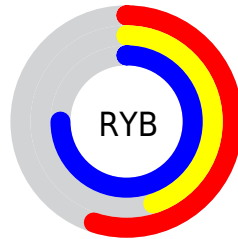
The XYZ color **26.1792, 21.3294, 52.6064** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **37.8238, 47.1302, 23.0239**, and the grayscale version is **21.2470, 22.3535, 24.3429**.

A 20% lighter version of the original color is **52.9832, 45.5813, 95.6281**, and **10.4661, 7.7576, 24.9905** is the 20% darker color. If you saturate the color by 10%, you get **22.1867, 16.3870, 51.8632**, and if you desaturate by 10%, it is **30.8878, 27.3165, 53.5142**.

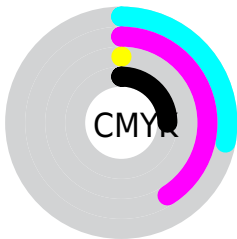
Distribution



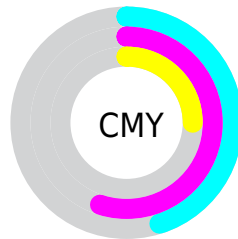
- Red (55%)
- Green (45%)
- Blue (75%)



- Red (55%)
- Yellow (45%)
- Blue (75%)



- Cyan (28%)
- Magenta (41%)
- Yellow (0%)
- Black (25%)



- Cyan (45%)
- Magenta (55%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1792, 21.3294, 52.6064 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 26.1792, 21.3294, 52.6064 by changing the saturation by 10% instead.

■ 26.1792, 21.3294,
52.6064

■ 26.1792, 21.3294,
52.6064

275.9012,
259.0239, 413.7966

■ 17.0911, 13.3650,
37.1031

■ 52.9931, 45.6351,
95.4606

■ 10.3952, 7.6804,
24.9909

■ 71.4497, 62.7452,
123.6486

■ 5.7260, 3.8911,
15.8513

■ 93.7599, 83.6726,
156.9018

■ 2.7183, 1.6128,
9.2658

■ 120.2889,
108.8018, 195.6390

■ 1.0066, 0.3662,
4.8158

151.4022,
138.5172, 240.2784

■ 0.0000, 0.0000,
2.0827

187.4651,

■ 0.0000, 0.0000,

173.2030, 291.2388

0.6055

228.8430,
213.2438, 348.9387

■ 0.0000, 0.0000,
0.0000

■ 26.1792, 21.3294,
52.6064

■ 26.1792, 21.3294,
52.6064

■ 22.1867, 16.3870,
51.8632

■ 30.8878, 27.3165,
53.5142

■ 18.8701, 12.4248,
51.2733

■ 36.3450, 34.4028,
54.5944

■ 16.1887, 9.3749,
50.8259

■ 42.5840, 42.6416,
55.8558

■ 14.0959, 7.1590,
50.5085

■ 49.6353, 52.0822,
57.3064

■ 12.5373, 5.6853,
50.3062

■ 57.5277, 62.7709,
58.9535

■ 11.4723, 4.8151,
50.1943

■ 66.2885, 74.7515,
60.8043

■ 75.9437, 88.0658,
62.8653

■ 82.3650, 94.4467,
63.7585

■ 86.5145, 96.5858,
63.9527

Harmonies

Analogous

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



21.1603, 21.3294, 61.3717



26.1792, 21.3294, 52.6064



30.0120, 21.3294, 36.2625

Triad

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



26.1792, 21.3294, 52.6064



24.4233, 21.3294, 6.3996



12.3181, 21.3294, 25.8204

Complementary

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



26.1792, 21.3294, 52.6064



37.8238, 47.1302, 23.0239

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.



12.9080, 21.3294, 13.7587



26.1792, 21.3294, 52.6064



19.4107, 21.3294, 5.4673

Square

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



26.1792, 21.3294, 52.6064



28.8901, 21.3294, 10.9193



15.3294, 21.3294, 7.5201



13.5663, 21.3294, 42.4216

Rectangle

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



26.1792, 21.3294, 52.6064



31.0897, 21.3294, 25.4528



15.3294, 21.3294, 7.5201



12.3106, 21.3294, 21.1294

Sweetspot

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



26.1800, 21.3302, 52.6069



75.2902, 74.7804, 100.8261



30.3283, 35.1314, 55.0521



15.8222, 15.6053, 21.5635



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.1800, 21.3302, 52.6069



40.7594, 30.3733, 94.0747



33.8237, 25.2707, 52.9646



9.8255, 9.9012, 12.6781



7.7923, 3.2775, 33.7785



0.4097, 0.1793, 1.4629

Inverse Universe

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



34.7312, 26.0319, 39.7539



58.7504, 40.2863, 66.0795



30.8349, 43.5272, 22.6969



10.3555, 10.1908, 11.9626



17.3964, 8.6483, 15.2654



0.7819, 0.3858, 0.8191

Previews

White Background



This preview shows how the XYZ color 26.1792, 21.3294, 52.6064 looks on a white background.

Color Contrast Check

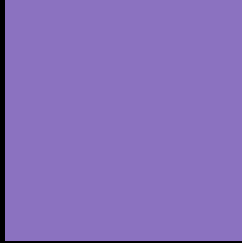
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1792, 21.3294, 52.6064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

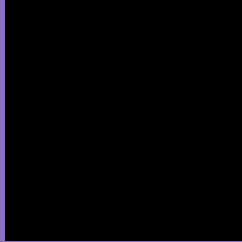
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1792, 21.3294, 52.6064

Background



This preview shows how black text looks on a background with the XYZ color 26.1792, 21.3294, 52.6064.



This preview shows how white text looks on a background with the XYZ color 26.1792, 21.3294,

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

26.1792, 21.3294, 52.6064

Protanopia

23.0218, 21.5369, 58.2020

Deuteranopia

22.0302, 21.5622, 51.1449



Tritanopia

20.8069, 21.2885, 26.3050

Trichromacy



Original Color

26.1792, 21.3294, 52.6064

Protanomaly

23.9698, 21.3294, 56.2797

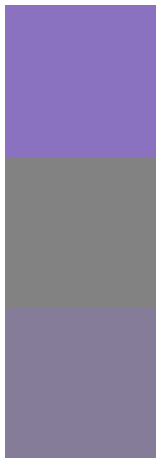
Deuteranomaly

23.1932, 21.2142, 51.5875

Tritanomaly

22.4760, 21.2249, 34.3647

Monochromacy



Original Color

26.1792, 21.3294, 52.6064

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.6303, 21.7018, 33.1331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1792, 21.3294, 52.6064 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, 114, 192)` looks like.

```
.text, #text, p{  
    color:rgb(139, 114, 192)  
}
```

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, 114, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 114, 192) }
```

Border

The CSS property to change the border of an element to XYZ 26.1792, 21.3294, 52.6064 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, 114, 192) }
```


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

```
.border{ border-color:rgb(139, 114, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 114, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 114, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 114, 192);  
box-shadow:4px 4px 4px 4px rgb(139, 114,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1792, 21.3294, 52.6064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 114, 192) }
```

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

```
.background{ background-color: rgb(139,  
114, 192) }
```

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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