

Converting Colors

XYZ(25.0961, 20.1567, 49.5779)

Have a look what the booklet for
XYZ(25.0961, 20.1567, 49.5779)
contains.

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Color

**XYZ(25.1930, 20.2287,
49.5904)**

Conversions

Conversions Part 1

Format	Color
Hex	8B6EBB
RGB	139, 110, 187
RGB Percent	55%, 43%, 73%
CMY	0.4549, 0.5686, 0.2667
CMYK	0.26, 0.41, 0.00, 0.27
HSL	263°, 36%, 58%
HSV	263°, 41%, 73%
XYZ	25.1930, 20.2287, 49.5904
YIQ	127.4490, -7.4330, 30.0950

Conversions

Conversions Part 2

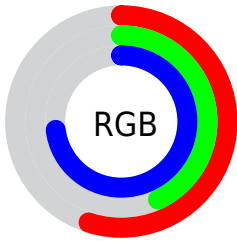
Format	Color
R_{YB}	139, 110, 187
Decimal	9137851
CIE _{Lab}	52.09, 27.67, -36.47
CIE _{LCh}	52, 45.781, 307.185
Yxy	20.2287, 0.2652, 0.2129
Android (android.graphics.Color)	4287327931 (0xFF8B6EBB)
YUV	127.4490, 29.3586, 10.1302
Hunter-Lab	44.9763, 21.2763, -33.8891

Details

The XYZ color **25.1930, 20.2287, 49.5904** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **34.6859, 43.9360, 21.4050**, and the grayscale version is **20.2317, 21.2854, 23.1798**.

A 20% lighter version of the original color is **51.4976, 43.8416, 91.3360**, and **9.8867, 7.1649, 23.0522** is the 20% darker color. If you saturate the color by 10%, you get **21.5406, 15.6605, 48.9015**, and if you desaturate by 10%, it is **29.4802, 25.7570, 50.4319**.

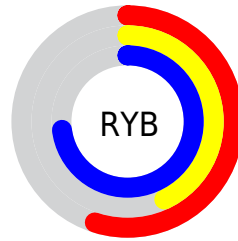
Distribution



Red (55%)

Green (43%)

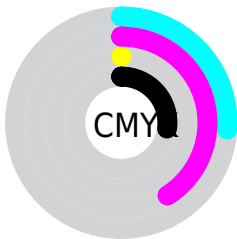
Blue (73%)



Red (55%)

Yellow (43%)

Blue (73%)

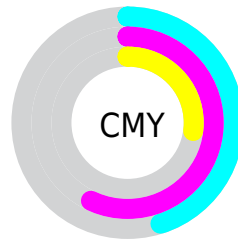


Cyan (26%)

Magenta (41%)

Yellow (0%)

Black (27%)



Cyan (45%)

Magenta (57%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1930, 20.2287, 49.5904 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 25.1930, 20.2287, 49.5904 by changing the saturation by 10% instead.

■ 25.1930, 20.2287,
49.5904

■ 25.1930, 20.2287,
49.5904

271.1277,
253.1505, 401.7511

■ 16.3504, 12.5614,
34.7192

■ 51.4108, 43.8003,
90.9577

■ 9.8649, 7.1272,
23.1648

■ 69.5167, 60.4734,
118.2909

■ 5.3710, 3.5418,
14.5088

■ 91.4411, 80.9171,
150.6152

■ 2.5035, 1.4207,
8.3326

■ 117.5493,
105.5160, 188.3490

■ 0.8970, 0.2319,
4.2177

148.2067,
134.6544, 231.9109

■ 0.0000, 0.0000,
1.7455

183.7787,

■ 0.0000, 0.0000,

168.7167, 281.7196

0.3916

224.6306,
208.0873, 338.1935

■ 0.0000, 0.0000,
0.0000

■ 25.1930, 20.2287,
49.5904

■ 25.1930, 20.2287,
49.5904

■ 21.5406, 15.6605,
48.9015

■ 29.4802, 25.7570,
50.4319

■ 18.4872, 11.9926,
48.3544

■ 34.4308, 32.2954,
51.4330

■ 15.9968, 9.1620,
47.9394

■ 40.0743, 39.8934,
52.6021

■ 14.0277, 7.0965,
47.6445

■ 46.4376, 48.5964,
53.9466

■ 12.5316, 5.7103,
47.4558

■ 53.5461, 58.4470,
55.4733

■ 11.5265, 4.9060,
47.3535

■ 61.4239, 69.4857,
57.1887

■ 70.0942, 81.7510,
59.0992

■ 78.0927, 92.3071,
60.7152

■ 82.0090, 94.3261,
60.8985

Harmonies

Analogous

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



20.3741, 20.2287, 58.7545



25.1930, 20.2287, 49.5904



28.7690, 20.2287, 33.6033

Triad

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



25.1930, 20.2287, 49.5904



22.9306, 20.2287, 5.7893



11.6108, 20.2287, 25.4080

Complementary

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



25.1930, 20.2287, 49.5904



34.6859, 43.9360, 21.4050

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.



12.0691, 20.2287, 13.4692



25.1930, 20.2287, 49.5904



18.1233, 20.2287, 5.0766

Square

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



25.1930, 20.2287, 49.5904



27.3219, 20.2287, 9.8347



14.2857, 20.2287, 7.2149



12.9130, 20.2287, 41.5567

Rectangle

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



25.1930, 20.2287, 49.5904



29.6852, 20.2287, 23.3154



14.2857, 20.2287, 7.2149



11.5681, 20.2287, 20.7843

Sweetspot

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



25.1937, 20.2295, 49.5909



70.6845, 69.9728, 93.9820



27.7588, 31.6196, 51.6542



15.2624, 14.9984, 20.6331



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



25.1937, 20.2295, 49.5909



39.4182, 29.0807, 87.7370



32.6169, 24.0563, 49.9383



9.3469, 9.3957, 11.9931



8.0162, 3.4186, 32.6303



0.3871, 0.1716, 1.2816

Inverse Universe

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



32.2416, 24.1860, 35.3174



53.9954, 37.2799, 57.5005



28.3682, 40.6791, 21.1093



9.7734, 9.6337, 11.1959



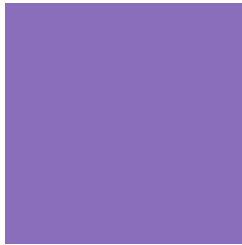
16.3512, 8.1716, 12.4088



0.6713, 0.3324, 0.6483

Previews

White Background



This preview shows how the XYZ color 25.1930, 20.2287, 49.5904 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 25.1930, 20.2287, 49.5904 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 25.1930, 20.2287, 49.5904

Background



This preview shows how black text looks on a background with the XYZ color 25.1930, 20.2287, 49.5904.

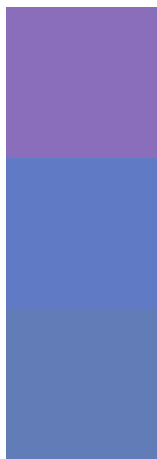


This preview shows how white text looks on a background with the XYZ color 25.1930, 20.2287,

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

25.1930, 20.2287, 49.5904

Protanopia

21.8614, 20.4371, 55.6159

Deuteranopia

20.8964, 20.4727, 48.1977



Tritanopia

20.1777, 20.2521, 24.6754

Trichromacy



Original Color

25.1930, 20.2287, 49.5904

Protanomaly

22.7862, 20.2519, 53.1601

Deuteranomaly

22.1638, 20.2071, 48.6311

Tritanomaly

21.8188, 20.2104, 32.4568

Monochromacy



Original Color

25.1930, 20.2287, 49.5904

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.6223, 20.6700, 31.2839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1930, 20.2287, 49.5904 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, 110, 187)` looks like.

```
.text, #text, p{  
    color:rgb(139, 110, 187)  
}
```

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, 110, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 110, 187) }
```

Border

The CSS property to change the border of an element to XYZ 25.1930, 20.2287, 49.5904 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, 110, 187) }
```


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

```
.border{ border-color:rgb(139, 110, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 110, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 110, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 110, 187);  
box-shadow:4px 4px 4px 4px rgb(139, 110,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1930, 20.2287, 49.5904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 110, 187) }
```

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

```
.background{ background-color: rgb(139,  
110, 187) }
```

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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