

Converting Colors

XYZ(20.9453, 26.0533, 4.0686)

Have a look what the booklet for
XYZ(20.9453, 26.0533, 4.0686)
contains.

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Color

**XYZ(20.9537, 26.0577,
4.0688)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9205
RGB	139, 146, 5
RGB Percent	55%, 57%, 2%
CMY	0.4549, 0.4274, 0.9804
CMYK	0.05, 0.00, 0.97, 0.43
HSL	63°, 93%, 30%
HSV	63°, 97%, 57%
XYZ	20.9537, 26.0577, 4.0688
YIQ	127.8330, 41.0890, -45.3350

Conversions

Conversions Part 2

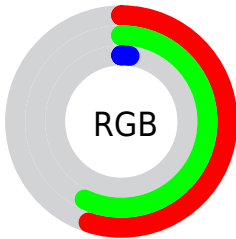
Format	Color
R_{YB}	5, 146, 12
Decimal	9146885
CIE _{Lab}	58.09, -17.31, 60.88
CIE _{LCh}	58, 63.293, 105.874
Yxy	26.0577, 0.4102, 0.5101
Android (android.graphics.Color)	4287336965 (0xFF8B9205)
YUV	127.8330, -60.5567, 9.7935
Hunter-Lab	51.0467, -16.0610, 31.0069

Details

The XYZ color **20.9537, 26.0577, 4.0688** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.3948, 2.2625, 27.3482**, and the grayscale version is **20.6542, 21.7298, 23.6637**.

A 20% lighter version of the original color is **44.5889, 53.5122, 14.1097**, and **7.9292, 10.2970, 1.5696** is the 20% darker color. If you saturate the color by 10%, you get **20.8853, 26.0265, 3.9228**, and if you desaturate by 10%, it is **21.1712, 26.1597, 4.5773**.

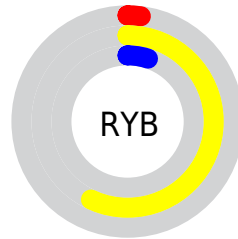
Distribution



Red (55%)

Green (57%)

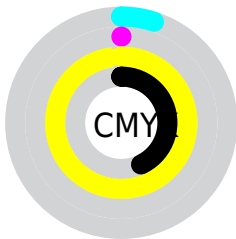
Blue (2%)



Red (2%)

Yellow (57%)

Blue (5%)

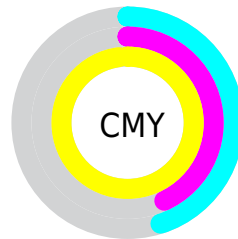


Cyan (5%)

Magenta (0%)

Yellow (97%)

Black (43%)



Cyan (45%)

Magenta (43%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9537, 26.0577, 4.0688 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 20.9537, 26.0577, 4.0688 by changing the saturation by 10% instead.

■ 20.9537, 26.0577,
4.0688

■ 20.9537, 26.0577,
4.0688

249.7687,
283.0652, 148.9870

■ 13.2024, 16.8668,
1.6632

■ 44.5023, 53.3680,
14.1681

■ 7.6460, 10.1396,
0.3353

■ 61.0304, 72.2562,
22.6989

■ 3.9192, 5.4916,
0.0000

■ 81.2148, 95.1457,
34.1085

■ 1.6565, 2.5385,
0.0000

■ 105.4208,
122.4208, 48.8153


■ 0.4288, 0.8958,
0.0000


■ 134.0139,
154.4659, 67.2381


■ 0.0000, 0.0000,
0.0000


■ 167.3593,


191.6654, 89.7953


 205.8225,
234.4037, 116.9054


 20.9537, 26.0577,
4.0688


 20.9537, 26.0577,
4.0688


 20.8853, 26.0265,
3.9228

 21.1712, 26.1597,
4.5773

 21.4625, 26.2904,
5.4727

 21.8443, 26.4573,
6.8404

 22.3266, 26.6645,
8.7332

 22.9182, 26.9156,
11.1973

■ 23.6268, 27.2136,
14.2737

■ 24.4596, 27.5613,
17.9995

■ 25.4230, 27.9613,
22.4089

■ 26.5232, 28.4162,
27.5340

Harmonies

Analogous

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



28.5375, 26.0577, 3.9783



20.9537, 26.0577, 4.0688



15.6293, 26.0577, 7.9743

Triad

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



20.9537, 26.0577, 4.0688



15.8642, 26.0577, 70.6870



41.9677, 26.0577, 39.9596

Complementary

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



20.9537, 26.0577, 4.0688



5.3948, 2.2625, 27.3482

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.



36.9122, 26.0577, 69.0283



20.9537, 26.0577, 4.0688



21.3442, 26.0577, 92.0678

Square

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



20.9537, 26.0577, 4.0688



13.1316, 26.0577, 41.5415



29.0171, 26.0577, 91.3398



41.8026, 26.0577, 18.3299

Rectangle

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



20.9537, 26.0577, 4.0688



13.6121, 26.0577, 14.3899



29.0171, 26.0577, 91.3398



40.7836, 26.0577, 49.3370

Sweetspot

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



20.9543, 26.0589, 4.0693



42.6797, 48.4236, 29.6431



11.9876, 6.3331, 0.7345



9.3699, 10.7203, 6.0366



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.9543, 26.0589, 4.0693



36.7987, 45.8887, 6.9179



12.8914, 21.9023, 3.6920



6.2373, 6.7301, 6.2108



18.3837, 22.9050, 3.4522



0.2320, 0.2840, 0.0426

Inverse Universe

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



5.3948, 2.2625, 27.3482



9.2701, 3.7216, 48.2033



8.5688, 3.8987, 27.4967



5.5246, 5.6459, 7.2683



4.6514, 1.8704, 24.0469



0.0622, 0.0256, 0.2946

Previews

White Background



This preview shows how the XYZ color 20.9537, 26.0577, 4.0688 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 20.9537, 26.0577, 4.0688 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 20.9537, 26.0577, 4.0688

Background



This preview shows how black text looks on a background with the XYZ color 20.9537, 26.0577, 4.0688.



This preview shows how white text looks on a background with the XYZ color 20.9537, 26.0577,

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

20.9537, 26.0577, 4.0688

Protanopia

23.2827, 25.9243, 3.7768

Deuteranopia

26.3206, 25.7986, 4.4565



Tritanopia

26.3869, 26.0732, 30.8360

Trichromacy



Original Color

20.9537, 26.0577, 4.0688

Protanomaly

22.2616, 25.8344, 3.8707

Deuteranomaly

24.1511, 25.7183, 4.2215

Tritanomaly

23.1207, 25.6021, 14.5496

Monochromacy



Original Color

20.9537, 26.0577, 4.0688

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.7410, 22.8580, 11.5552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9537, 26.0577, 4.0688 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, 146, 5)` looks like.

```
.text, #text, p{  
    color:rgb(139, 146, 5)  
}
```

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, 146, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 146, 5) }
```

Border

The CSS property to change the border of an element to XYZ 20.9537, 26.0577, 4.0688 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, 146, 5) }
```


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

```
.border{ border-color:rgb(139, 146, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 146, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 146, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 146, 5);  
box-shadow:4px 4px 4px 4px rgb(139, 146,  
5) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9537, 26.0577, 4.0688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 146, 5) }
```

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

```
.background{ background-color: rgb(139,  
146, 5) }
```

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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