

Converting Colors

XYZ(26.3786, 20.7813, 59.9757)

Have a look what the booklet for
XYZ(26.3786, 20.7813, 59.9757)
contains.

XYZ(26.2564, 20.7151, 59.7413)	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(26.2564, 20.7151,
59.7413)**

Conversions

Conversions Part 1

Format	Color
Hex	856FCC
RGB	133, 111, 204
RGB Percent	52%, 44%, 80%
CMY	0.4784, 0.5647, 0.2000
CMYK	0.35, 0.46, 0.00, 0.20
HSL	254°, 48%, 62%
HSV	254°, 46%, 80%
XYZ	26.2564, 20.7151, 59.7413
YIQ	128.1800, -16.7410, 33.5870

Conversions

Conversions Part 2

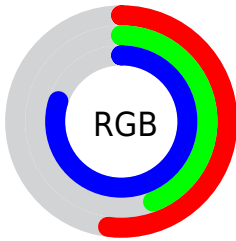
Format	Color
R_{YB}	133, 111, 204
Decimal	8744908
CIE _{Lab}	52.64, 29.79, -45.39
CIE _{LCh}	53, 54.297, 303.277
Yxy	20.7151, 0.2460, 0.1941
Android (android.graphics.Color)	4286934988 (0xFF856FCC)
YUV	128.1800, 37.3793, 4.2271
Hunter-Lab	45.5138, 23.3253, -45.9641

Details

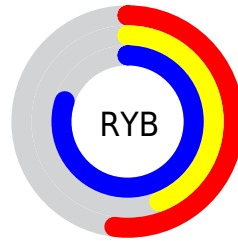
The XYZ color **26.2564, 20.7151, 59.7413** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **43.7538, 54.2789, 23.2104**, and the grayscale version is **20.4595, 21.5250, 23.4407**.

A 20% lighter version of the original color is **52.1335, 44.2332, 100.3979**, and **10.4268, 7.3872, 29.3101** is the 20% darker color. If you saturate the color by 10%, you get **22.0002, 15.5857, 58.9759**, and if you desaturate by 10%, it is **31.3870, 27.0504, 60.6941**.

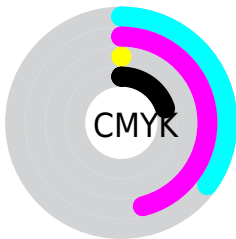
Distribution



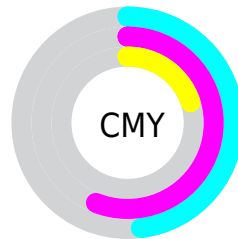
- Red (52%)
- Green (44%)
- Blue (80%)



- Red (52%)
- Yellow (44%)
- Blue (80%)



- Cyan (35%)
- Magenta (46%)
- Yellow (0%)
- Black (20%)



- Cyan (48%)
- Magenta (56%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2564, 20.7151, 59.7413 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 26.2564, 20.7151, 59.7413 by changing the saturation by 10% instead.

■ 26.2564, 20.7151,
59.7413

■ 26.2564, 20.7151,
59.7413

276.2721,
255.7605, 441.4217

■ 17.1492, 12.9159,
42.7862

■ 53.1167, 44.6129,
105.9940

■ 10.4369, 7.3707,
29.3873

■ 71.6005, 61.4803,
136.1287

■ 5.7541, 3.6950,
19.1259

■ 93.9405, 82.1392,
171.4937

■ 2.7354, 1.5044,
11.5835

■ 120.5022,
106.9741, 212.5075

■ 1.0154, 0.2919,
6.3417

151.6508,
136.3692, 259.5886

■ 0.0000, 0.0000,
2.9818

187.7518,

■ 0.0000, 0.0000,

170.7091, 313.1557

1.0854

229.1705,
210.3780, 373.6272

■ 0.0000, 0.0000,
0.0000

■ 26.2564, 20.7151,
59.7413

■ 26.2564, 20.7151,
59.7413

■ 22.0002, 15.5857,
58.9759

■ 31.3870, 27.0504,
60.6941

■ 18.5651, 11.5817,
58.3841

■ 37.4364, 34.6607,
61.8442

■ 15.8950, 8.6158,
57.9524

■ 44.4487, 43.6122,
63.2024

■ 13.9255, 6.5868,
57.6646

■ 52.4644, 53.9661,
64.7785

■ 12.5797, 5.3711,
57.5008

■ 61.5217, 65.7797,
66.5813

■ 12.1304, 4.9944,
57.4518

■ 71.6567, 79.1070,
68.6196

■ 82.9036, 93.9992,
70.9013

■ 87.8992, 97.1397,
71.2442

Harmonies

Analogous

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



20.3153, 20.7151, 69.9186



26.2564, 20.7151, 59.7413



31.0460, 20.7151, 39.5950

Triad

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



26.2564, 20.7151, 59.7413



24.9773, 20.7151, 4.6365



10.7280, 20.7151, 24.3770

Complementary

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



26.2564, 20.7151, 59.7413



43.7538, 54.2789, 23.2104

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.



11.5068, 20.7151, 11.2765



26.2564, 20.7151, 59.7413



19.0758, 20.7151, 3.5896

Square

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



26.2564, 20.7151, 59.7413



30.2140, 20.7151, 9.4488



14.3198, 20.7151, 5.2826



11.9454, 20.7151, 44.2391

Rectangle

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



26.2564, 20.7151, 59.7413



32.5369, 20.7151, 26.3886



14.3198, 20.7151, 5.2826



10.7660, 20.7151, 19.1123

Sweetspot

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



26.2572, 20.7159, 59.7418



75.3741, 74.4921, 105.0135



34.2447, 41.3187, 63.2976



15.5490, 15.1938, 22.3631



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.



26.2572, 20.7159, 59.7418



36.3522, 25.7138, 97.6550



35.2208, 25.3368, 60.1613



10.8461, 10.9700, 14.1161



7.7048, 3.1795, 36.1639



0.4672, 0.2000, 1.8689

Inverse Universe

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



39.0302, 27.5843, 47.5231



60.5031, 38.7289, 73.2681



34.5836, 49.5515, 22.7813



11.5696, 11.3566, 13.5343



19.4743, 9.6003, 20.7480



1.0328, 0.5065, 1.2188

Previews

White Background



This preview shows how the XYZ color 26.2564, 20.7151, 59.7413 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 26.2564, 20.7151, 59.7413 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 26.2564, 20.7151, 59.7413

Background



This preview shows how black text looks on a background with the XYZ color 26.2564, 20.7151, 59.7413.



This preview shows how white text looks on a background with the XYZ color 26.2564, 20.7151,

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

26.2564, 20.7151, 59.7413

Protanopia

23.1865, 21.0506, 67.1311

Deuteranopia

21.4831, 20.9326, 58.1665



Tritanopia

19.5125, 20.6212, 26.2444

Trichromacy



Original Color

26.2564, 20.7151, 59.7413

Protanomaly

23.9482, 20.7804, 64.3768

Deuteranomaly

22.8649, 20.7057, 58.6686

Tritanomaly

21.5826, 20.5330, 36.5440

Monochromacy



Original Color

26.2564, 20.7151, 59.7413

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.1662, 21.0652, 34.3502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2564, 20.7151, 59.7413 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(133, 111, 204)` looks like.

```
.text, #text, p{  
    color:rgb(133, 111, 204)  
}
```

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(133, 111, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 111, 204) }
```

Border

The CSS property to change the border of an element to XYZ 26.2564, 20.7151, 59.7413 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(133, 111, 204) }
```


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

```
.border{ border-color:rgb(133, 111, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 111, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 111, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 111, 204);  
box-shadow:4px 4px 4px 4px rgb(133, 111,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2564, 20.7151, 59.7413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 111, 204) }
```

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

```
.background{ background-color: rgb(133,  
111, 204) }
```

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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