

Converting Colors

XYZ(20.3404, 26.7411, 4.5426)

Have a look what the booklet for
XYZ(20.3404, 26.7411, 4.5426)
contains.

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Color

**XYZ(20.3526, 26.6725,
4.5275)**

Conversions

Conversions Part 1

Format	Color
Hex	83960F
RGB	131, 150, 15
RGB Percent	51%, 59%, 6%
CMY	0.4863, 0.4117, 0.9411
CMYK	0.13, 0.00, 0.90, 0.41
HSL	68°, 82%, 32%
HSV	68°, 90%, 59%
XYZ	20.3526, 26.6725, 4.5275
YIQ	128.9290, 32.0110, -46.0130

Conversions

Conversions Part 2

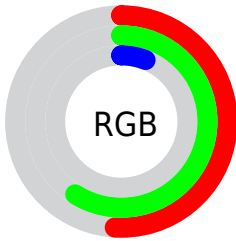
Format	Color
RYB	15, 150, 34
Decimal	8623631
CIELab	58.67, -22.72, 59.45
CIELCh	59, 63.646, 110.915
Yxy	26.6725, 0.3948, 0.5174
Android (android.graphics.Color)	4286813711 (0xFF83960F)
YUV	128.9290, -56.1670, 1.8163
Hunter-Lab	51.6454, -20.0356, 30.9541

Details

The XYZ color **20.3526, 26.6725, 4.5275** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.3364, 2.8843, 29.0786**, and the grayscale version is **21.0249, 22.1199, 24.0885**.

A 20% lighter version of the original color is **43.4259, 54.2863, 15.2107**, and **7.5224, 10.5015, 1.6305** is the 20% darker color. If you saturate the color by 10%, you get **19.9432, 26.4723, 4.0588**, and if you desaturate by 10%, it is **20.8318, 26.9033, 5.3238**.

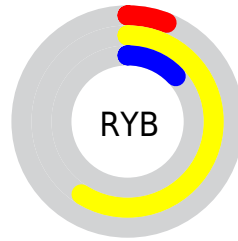
Distribution



Red (51%)

Green (59%)

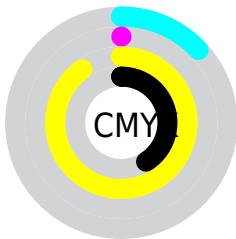
Blue (6%)



Red (6%)

Yellow (59%)

Blue (13%)

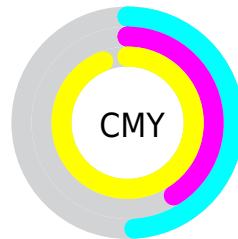


Cyan (13%)

Magenta (0%)

Yellow (90%)

Black (41%)



Cyan (49%)

Magenta (41%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3526, 26.6725, 4.5275 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 20.3526, 26.6725, 4.5275 by changing the saturation by 10% instead.

■ 20.3526, 26.6725,
4.5275

■ 20.3526, 26.6725,
4.5275

246.6150,
286.0679, 153.9195

■ 12.7614, 17.3274,
1.9190

■ 43.5070, 54.3579,
15.2091

■ 7.3403, 10.4682,
0.5048

■ 59.8009, 73.4670,
24.1193

■ 3.7240, 5.7105,
0.0000

■ 79.7263, 96.5995,
35.9671

■ 1.5472, 2.6698,
0.0000

■ 103.6488,
124.1399, 51.1711

■ 0.3576, 0.9619,
0.0000

■ 131.9335,
156.4726, 70.1498

■ 0.0000, 0.0000,
0.0000

■ 164.9458,

193.9818, 93.3217

203.0512,
237.0522, 121.1055

20.3526, 26.6725,
4.5275

20.3526, 26.6725,
4.5275

19.9432, 26.4723,
4.0588

20.8318, 26.9033,
5.3238

19.9430, 26.4722,
4.0585

21.4084, 27.1729,
6.6001

22.0943, 27.4870,
8.4173

22.8995, 27.8496,
10.8269

23.8325, 28.2641,
13.8745

■ 24.9013, 28.7337,
17.6012

■ 26.1131, 29.2613,
22.0445

■ 27.4744, 29.8495,
27.2393

■ 28.9916, 30.5009,
33.2184

Harmonies

Analogous

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



27.8011, 26.6725, 3.8940



20.3526, 26.6725, 4.5275



15.3777, 26.6725, 9.4707

Triad

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



20.3526, 26.6725, 4.5275



17.0024, 26.6725, 76.9458



43.2911, 26.6725, 36.3876

Complementary

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



20.3526, 26.6725, 4.5275



6.3364, 2.8843, 29.0786

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.



38.9089, 26.6725, 65.5414



20.3526, 26.6725, 4.5275



23.0500, 26.6725, 95.7154

Square

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



20.3526, 26.6725, 4.5275



13.7380, 26.6725, 47.2912



31.1082, 26.6725, 90.7165



42.1550, 26.6725, 16.2197

Rectangle

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



20.3526, 26.6725, 4.5275



13.6291, 26.6725, 17.1123



31.1082, 26.6725, 90.7165



42.3860, 26.6725, 45.5244

Sweetspot

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



20.3532, 26.6737, 4.5281



44.4456, 50.9253, 32.8717



13.2088, 7.6071, 1.2244



9.7129, 11.2259, 6.7925



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.3532, 26.6737, 4.5281



35.0817, 46.6575, 7.1568



13.1407, 22.9555, 4.1905



6.1860, 6.7037, 6.2084



16.5595, 21.9646, 3.3668



0.2204, 0.2780, 0.0420

Inverse Universe

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



6.3364, 2.8843, 29.0786



10.1747, 4.1230, 51.1808



10.9879, 5.2823, 29.2963



5.5710, 5.6698, 7.2705



4.8419, 1.9687, 24.0558



0.0739, 0.0316, 0.2951

Previews

White Background



This preview shows how the XYZ color 20.3526, 26.6725, 4.5275 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 20.3526, 26.6725, 4.5275 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 20.3526, 26.6725, 4.5275

Background



This preview shows how black text looks on a background with the XYZ color 20.3526, 26.6725, 4.5275.



This preview shows how white text looks on a background with the XYZ color 20.3526, 26.6725,

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

20.3526, 26.6725, 4.5275

Protanopia

23.8834, 26.4448, 4.1622

Deuteranopia

27.1070, 26.6039, 4.8688



Tritanopia

25.8930, 26.4180, 32.5886

Trichromacy



Original Color

20.3526, 26.6725, 4.5275

Protanomaly

22.4340, 26.3626, 4.2539

Deuteranomaly

24.2409, 26.3992, 4.6821

Tritanomaly

22.6527, 25.9878, 16.1341

Monochromacy



Original Color

20.3526, 26.6725, 4.5275

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.9130, 23.3417, 12.6884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3526, 26.6725, 4.5275 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(131, 150, 15)` looks like.

```
.text, #text, p{  
    color:rgb(131, 150, 15)  
}
```

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(131, 150, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 150, 15) }
```

Border

The CSS property to change the border of an element to XYZ 20.3526, 26.6725, 4.5275 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(131, 150, 15) }
```


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

```
.border{ border-color:rgb(131, 150, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 150, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 150, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 150, 15);  
box-shadow:4px 4px 4px 4px rgb(131, 150,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3526, 26.6725, 4.5275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 150, 15) }
```

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

```
.background{ background-color: rgb(131,  
150, 15) }
```

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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