

Converting Colors

XYZ(20.1395, 26.3327, 4.3717)

Have a look what the booklet for
XYZ(20.1395, 26.3327, 4.3717)
contains.

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Color

**XYZ(20.1739, 26.3467,
4.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	83950C
RGB	131, 149, 12
RGB Percent	51%, 58%, 5%
CMY	0.4863, 0.4157, 0.9529
CMYK	0.12, 0.00, 0.92, 0.42
HSL	68°, 85%, 32%
HSV	68°, 92%, 58%
XYZ	20.1739, 26.3467, 4.3700
YIQ	128.0000, 33.2490, -46.4230

Conversions

Conversions Part 2

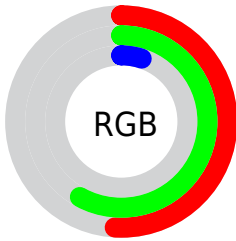
Format	Color
R_{YB}	12, 149, 30
Decimal	8623372
CIE _{Lab}	58.36, -22.28, 59.74
CIE _{LCh}	58, 63.760, 110.456
Yxy	26.3467, 0.3964, 0.5177
Android (android.graphics.Color)	4286813452 (0xFF83950C)
YUV	128.0000, -57.1880, 2.6310
Hunter-Lab	51.3290, -19.6698, 30.8826

Details

The XYZ color **20.1739, 26.3467, 4.3700** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.0926, 2.7095, 28.6372**, and the grayscale version is **20.7030, 21.7811, 23.7196**.

A 20% lighter version of the original color is **43.1195, 53.7847, 14.7655**, and **7.4283, 10.3131, 1.5991** is the 20% darker color. If you saturate the color by 10%, you get **19.8654, 26.1962, 4.0094**, and if you desaturate by 10%, it is **20.6111, 26.5579, 5.0715**.

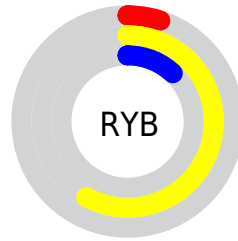
Distribution



Red (51%)

Green (58%)

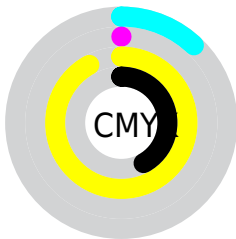
Blue (5%)



Red (5%)

Yellow (58%)

Blue (12%)

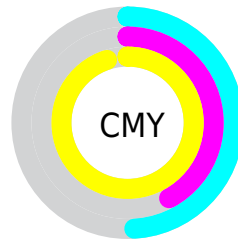


Cyan (12%)

Magenta (0%)

Yellow (92%)

Black (42%)



Cyan (49%)

Magenta (42%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1739, 26.3467, 4.3700 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 20.1739, 26.3467, 4.3700 by changing the saturation by 10% instead.

■ 20.1739, 26.3467,
4.3700

■ 20.1739, 26.3467,
4.3700

245.6706,
284.4799, 152.2532

■ 12.6305, 17.0832,
1.8304

■ 43.2103, 53.8337,
14.8545

■ 7.2499, 10.2938,
0.4479

■ 59.4340, 72.8260,
23.6365

■ 3.6666, 5.5942,
0.0000

■ 79.2818, 95.8301,
35.3364

■ 1.5153, 2.5999,
0.0000

■ 103.1191,
123.2302, 50.3727

■ 0.3362, 0.9266,
0.0000

■ 131.3113,
155.4109, 69.1640

■ 0.0000, 0.0000,
0.0000

■ 164.2238,

192.7564, 92.1288

202.2217,
235.6513, 119.6857

20.1739, 26.3467,
4.3700

20.1739, 26.3467,
4.3700

19.8654, 26.1962,
4.0094

20.6111, 26.5579,
5.0715

21.1408, 26.8058,
6.2327

21.7754, 27.0964,
7.9159

22.5247, 27.4335,
10.1730

23.3975, 27.8207,
13.0497

■ 24.4017, 28.2611,
16.5874

■ 25.5443, 28.7575,
20.8235

■ 26.8321, 29.3128,
25.7928

■ 28.2712, 29.9292,
31.5279

Harmonies

Analogous

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



27.6022, 26.3467, 3.7963



20.1739, 26.3467, 4.3700



15.1955, 26.3467, 9.1557

Triad

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



20.1739, 26.3467, 4.3700



16.6816, 26.3467, 75.9625



42.8582, 26.3467, 36.3846

Complementary

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



20.1739, 26.3467, 4.3700



6.0926, 2.7095, 28.6372

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.



38.4231, 26.3467, 65.4724



20.1739, 26.3467, 4.3700



22.6448, 26.3467, 94.9725

Square

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



20.1739, 26.3467, 4.3700



13.4878, 26.3467, 46.3939



30.6357, 26.3467, 90.3703



41.8145, 26.3467, 16.1791

Rectangle

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



20.1739, 26.3467, 4.3700



13.4341, 26.3467, 16.6196



30.6357, 26.3467, 90.3703



41.9290, 26.3467, 45.5182

Sweetspot

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



20.1745, 26.3479, 4.3705



44.3593, 50.8974, 32.1181



12.8766, 7.2467, 1.0683



9.6604, 11.2053, 6.4973



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.



20.1745, 26.3479, 4.3705



35.4662, 46.8557, 7.1748



12.9631, 22.6303, 4.0331



6.1913, 6.7064, 6.2086



16.7363, 22.0557, 3.3751



0.2216, 0.2786, 0.0421

Inverse Universe

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



6.0926, 2.7095, 28.6372



10.1277, 4.0988, 51.1786



10.4323, 4.9467, 28.8403



5.5662, 5.6673, 7.2703



4.8170, 1.9558, 24.0547



0.0727, 0.0310, 0.2951

Previews

White Background



This preview shows how the XYZ color 20.1739, 26.3467, 4.3700 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 20.1739, 26.3467, 4.3700 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 20.1739, 26.3467, 4.3700

Background



This preview shows how black text looks on a background with the XYZ color 20.1739, 26.3467, 4.3700.



This preview shows how white text looks on a background with the XYZ color 20.1739, 26.3467,

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

20.1739, 26.3467, 4.3700

Protanopia

23.6638, 26.3342, 4.0368

Deuteranopia

26.7168, 26.2013, 4.6861



Tritanopia

25.8128, 26.3859, 32.1663

Trichromacy



Original Color

20.1739, 26.3467, 4.3700

Protanomaly

22.2353, 26.2621, 4.1556

Deuteranomaly

23.8746, 25.9967, 4.5186

Tritanomaly

22.5558, 25.9490, 15.6242

Monochromacy



Original Color

20.1739, 26.3467, 4.3700

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.5371, 22.9473, 12.2037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1739, 26.3467, 4.3700 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, 149, 12)` looks like.

```
.text, #text, p{  
    color:rgb(131, 149, 12)  
}
```

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, 149, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 149, 12) }
```

Border

The CSS property to change the border of an element to XYZ 20.1739, 26.3467, 4.3700 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, 149, 12) }
```


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

```
.border{ border-color:rgb(131, 149, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 149, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 149, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 149, 12);  
box-shadow:4px 4px 4px 4px rgb(131, 149,  
12) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1739, 26.3467, 4.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 149, 12) }
```

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

```
.background{ background-color: rgb(131,  
149, 12) }
```

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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