

Converting Colors

XYZ(41.2080, 35.7146, 9.7227)

Have a look what the booklet for
XYZ(41.2080, 35.7146, 9.7227)
contains.

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Color

**XYZ(41.2080, 35.7146,
9.7227)**

Conversions

Conversions Part 1

Format	Color
Hex	DF8F41
RGB	223, 143, 65
RGB Percent	87%, 56%, 25%
CMY	0.1255, 0.4392, 0.7451
CMYK	0.00, 0.36, 0.71, 0.13
HSL	30°, 71%, 56%
HSV	30°, 71%, 87%
XYZ	41.2080, 35.7146, 9.7227
YIQ	158.0280, 72.7180, -7.2980

Conversions

Conversions Part 2

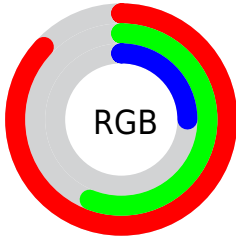
Format	Color
R_{YB}	223, 219, 65
Decimal	14651201
CIE _{Lab}	66.30, 23.68, 52.51
CIE _{LCh}	66, 57.599, 65.723
Yxy	35.7146, 0.4756, 0.4122
Android (android.graphics.Color)	4292841281 (0xFFDF8F41)
YUV	158.0280, -45.8628, 56.9804
Hunter-Lab	59.7617, 18.4997, 32.1872

Details

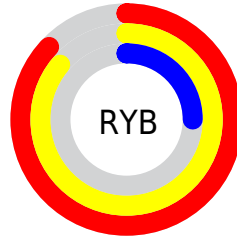
The XYZ color **41.2080, 35.7146, 9.7227** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **25.6239, 26.7007, 73.6147**, and the grayscale version is **32.6915, 34.3940, 37.4551**.

A 20% lighter version of the original color is **64.3586, 62.4535, 25.1857**, and **18.9807, 15.4605, 2.2422** is the 20% darker color. If you saturate the color by 10%, you get **39.0746, 32.2858, 6.4293**, and if you desaturate by 10%, it is **43.7685, 39.5902, 14.4165**.

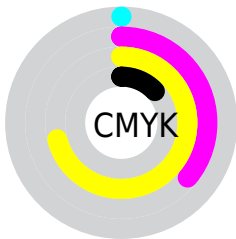
Distribution



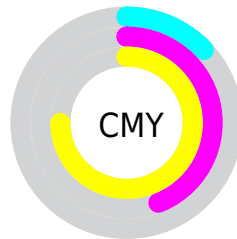
- Red (87%)
- Green (56%)
- Blue (25%)



- Red (87%)
- Yellow (86%)
- Blue (25%)



- Cyan (0%)
- Magenta (36%)
- Yellow (71%)
- Black (13%)





- Cyan (13%)
- Magenta (44%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.2080, 35.7146, 9.7227 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 41.2080, 35.7146, 9.7227 by changing the saturation by 10% instead.


 41.2080, 35.7146,
9.7227


 41.2080, 35.7146,
9.7227


342.2370,
327.7114, 199.0937

 28.6700, 24.2139,
5.1123


 76.2723, 68.5913,
25.8722

 18.9744, 15.4923,
2.2534


 99.5293, 90.7361,
38.2484

 11.7557, 9.1656,
0.7049


 127.0900,
117.1977, 54.0503

 6.6485, 4.8494,
0.0000

 159.3198,
148.3605, 73.6964

 3.2876, 2.1592,
0.0000

 196.5840,
184.6088, 97.6052

 1.3076, 0.6976,
0.0000

239.2481,

 0.1889, 0.0000,

226.3272, 126.1953

0.0000

287.6773,
273.8999, 159.8853

■ 0.0000, 0.0000,
0.0000

■ 41.2080, 35.7146,
9.7227

■ 41.2080, 35.7146,
9.7227

■ 39.0746, 32.2858,
6.4293

■ 43.7685, 39.5902,
14.4165

■ 37.3289, 29.2755,
4.3640

■ 46.7853, 43.9275,
20.6515

■ 36.0175, 26.8606,
3.2863

■ 50.2872, 48.7470,
28.5533

■ 54.2998, 54.0658,
38.2339

■ 58.8463, 59.9002,
49.7954

■ 63.9487, 66.2656,
63.3322

■ 69.6273, 73.1767,
78.9323

■ 75.9016, 80.6473,
96.6783

■ 81.0184, 87.9823,
107.3199

Harmonies

Analogous

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



49.2168, 35.7146, 17.2735



41.2080, 35.7146, 9.7227



32.3235, 35.7146, 8.2372

Triad

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



41.2080, 35.7146, 9.7227



20.0080, 35.7146, 43.8027



44.5439, 35.7146, 91.3933

Complementary

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



41.2080, 35.7146, 9.7227



25.6239, 26.7007, 73.6147

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.



35.6212, 35.7146, 107.5990



41.2080, 35.7146, 9.7227



22.2135, 35.7146, 73.6062

Square

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



41.2080, 35.7146, 9.7227



20.9938, 35.7146, 22.4857



27.5910, 35.7146, 99.9968



51.3593, 35.7146, 61.7875

Rectangle

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



41.2080, 35.7146, 9.7227



27.2631, 35.7146, 9.9244



27.5910, 35.7146, 99.9968



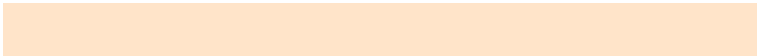
41.6397, 35.7146, 99.0523

Sweetspot

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



41.2088, 35.7164, 9.7234



79.5483, 80.9235, 66.9634



37.5594, 21.5638, 29.6360



16.6452, 16.8362, 13.3484



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.



41.2088, 35.7164, 9.7234



51.7593, 41.7323, 7.1821



57.0747, 67.4482, 15.0120



14.2633, 14.8125, 14.4141



21.2907, 16.0193, 1.9699



1.5652, 1.2894, 0.1664

Inverse Universe

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



25.6239, 26.7007, 73.6147



29.4467, 28.8131, 98.6172



17.5444, 10.5418, 70.9215



13.5227, 14.3846, 17.4515



11.4107, 10.2910, 42.4333



0.8805, 0.8925, 2.9711

Previews

White Background



This preview shows how the XYZ color 41.2080, 35.7146, 9.7227 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 41.2080, 35.7146, 9.7227 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2080, 35.7146, 9.7227

Background



This preview shows how black text looks on a background with the XYZ color 41.2080, 35.7146, 9.7227.



This preview shows how white text looks on a background with the XYZ color 41.2080, 35.7146,

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

41.2080, 35.7146, 9.7227

Protanopia

32.8801, 35.9989, 11.1768

Deuteranopia

36.5125, 35.8765, 9.5579



Tritanopia

45.6929, 35.8355, 30.8942

Trichromacy



Original Color

41.2080, 35.7146, 9.7227

Protanomaly

35.5605, 35.6081, 10.6290

Deuteranomaly

38.0980, 35.7269, 9.5906

Tritanomaly

43.5470, 35.5835, 20.7928

Monochromacy



Original Color

41.2080, 35.7146, 9.7227

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

34.3207, 34.1828, 23.8578

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2080, 35.7146, 9.7227 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(223, 143, 65)` looks like.

```
.text, #text, p{  
    color:rgb(223, 143, 65)  
}
```

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(223, 143, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 143, 65) }
```

Border

The CSS property to change the border of an element to XYZ 41.2080, 35.7146, 9.7227 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(223, 143, 65) }
```


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

```
.border{ border-color:rgb(223, 143, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 143, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 143, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 143, 65);  
box-shadow:4px 4px 4px 4px rgb(223, 143,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2080, 35.7146, 9.7227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 143, 65) }
```

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

```
.background{ background-color: rgb(223,  
143, 65) }
```

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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