

Converting Colors

XYZ(54.3376, 54.9862, 6.7927)

Have a look what the booklet for
XYZ(54.3376, 54.9862, 6.7927)
contains.

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Color

**XYZ(54.4732, 55.0960,
7.7635)**

Conversions

Conversions Part 1

Format	Color
Hex	F1BD00
RGB	241, 189, 0
RGB Percent	95%, 74%, 0%
CMY	0.0549, 0.2588, 0.9999
CMYK	0.00, 0.22, 1.00, 0.05
HSL	47°, 100%, 47%
HSV	47°, 100%, 95%
XYZ	54.4732, 55.0960, 7.7635
YIQ	183.0020, 91.6610, -47.7550

Conversions

Conversions Part 2

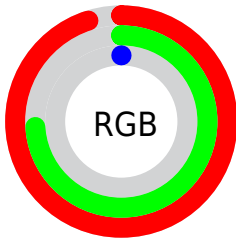
Format	Color
RYB	66, 241, 0
Decimal	15842560
CIELab	79.10, 5.42, 81.03
CIElCh	79, 81.207, 86.171
Yxy	55.0960, 0.4643, 0.4696
Android (android.graphics.Color)	4294032640 (0xFFFF1BD00)
YUV	183.0020, -90.2200, 50.8642
Hunter-Lab	74.2267, 1.1002, 45.7574

Details

The XYZ color **54.4732, 55.0960, 7.7635** is a dark color, and the websafe version is hex **FFCC00**. The color can be described as middle saturated orange. A complement of this color would be **17.1058, 8.8080, 84.0168**, and the grayscale version is **45.4577, 47.8251, 52.0815**.

A 20% lighter version of the original color is **75.4537, 87.1893, 21.0360**, and **27.6266, 27.3116, 3.8156** is the 20% darker color. If you saturate the color by 10%, you get **54.4734, 55.0969, 7.7637**, and if you desaturate by 10%, it is **55.7791, 57.4425, 9.0183**.

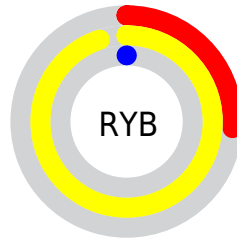
Distribution



Red (95%)

Green (74%)

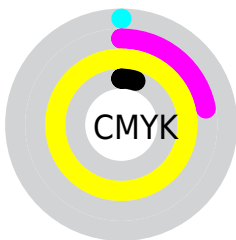
Blue (0%)



Red (26%)

Yellow (95%)

Blue (0%)

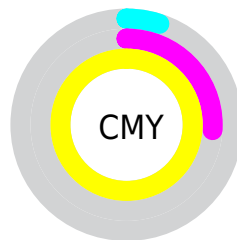


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (5%)



Cyan (5%)


Magenta (26%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4732, 55.0960, 7.7635 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 54.4732, 55.0960, 7.7635 by changing the saturation by 10% instead.


 54.4732, 55.0960,
7.7635


 54.4732, 55.0960,
7.7635


394.0809,
406.2757, 183.7299

 39.2123, 39.4786,
3.8584


 95.9215, 97.6816,
22.0320

 27.1064, 27.1322,
1.5480


 122.8396,
125.4186, 33.2324


 17.7901, 17.6726,
0.2533


 154.3742,
157.9642, 47.7017

 10.8982, 10.7152,
0.0000

 190.8905,
195.7028, 65.8584

 6.0652, 5.8756,
0.0000

 232.7540,
239.0189, 88.1210

 2.9258, 2.7696,
0.0000

 280.3300,

 1.1146, 1.0127,

288.2968, 114.9081

0.0000

333.9838,
343.9210, 146.6382

■ 0.0373, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4732, 55.0960,
7.7635

■ 54.4732, 55.0960,
7.7635

■ 54.4734, 55.0969,
7.7637

■ 55.7791, 57.4425,
9.0183

■ 57.3303, 59.9498,
11.3699

■ 59.1925, 62.6469,
15.1579

■ 61.4045, 65.5500,
20.5838

■ 63.9987, 68.6727,
27.8170

■ 67.0037, 72.0271,
37.0054

■ 70.4450, 75.6239,
48.2819

■ 74.3459, 79.4731,
61.7675

■ 78.7280, 83.5840,
77.5741

Harmonies

Analogous

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



71.6759, 55.0960, 12.2308



54.4732, 55.0960, 7.7635



39.8043, 55.0960, 10.2825

Triad

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



54.4732, 55.0960, 7.7635



29.1060, 55.0960, 108.5178



82.7106, 55.0960, 124.5555

Complementary

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



54.4732, 55.0960, 7.7635



17.1058, 8.8080, 84.0168

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.



67.3289, 55.0960, 180.8195



54.4732, 55.0960, 7.7635



36.8805, 55.0960, 168.6808

Square

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



54.4732, 55.0960, 7.7635



27.0465, 55.0960, 54.2323



50.3160, 55.0960, 200.1209



89.9651, 55.0960, 66.1419

Rectangle

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



54.4732, 55.0960, 7.7635



32.9700, 55.0960, 17.0134



50.3160, 55.0960, 200.1209



78.1824, 55.0960, 145.3119

Sweetspot

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



54.4744, 55.0987, 7.7646



80.0450, 85.9321, 54.7509



36.9006, 18.9510, 4.9893



16.7659, 18.0158, 10.4968



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.



54.4744, 55.0987, 7.7646



61.8903, 62.5606, 8.8134



48.6272, 71.7626, 11.2892



16.8166, 17.8464, 16.7081



29.6428, 30.0838, 4.2444



2.5370, 2.6447, 0.3768

Inverse Universe

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



17.1058, 8.8080, 84.0168



19.4170, 9.9540, 95.5057



18.2819, 7.5909, 83.7199



15.1737, 15.7815, 19.9680



9.3556, 4.9355, 45.5874



0.8490, 0.5520, 3.8160

Previews

White Background



This preview shows how the XYZ color 54.4732, 55.0960, 7.7635 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 54.4732, 55.0960, 7.7635 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 54.4732, 55.0960, 7.7635

Background



This preview shows how black text looks on a background with the XYZ color 54.4732, 55.0960, 7.7635.



This preview shows how white text looks on a background with the XYZ color 54.4732, 55.0960,

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

54.4732, 55.0960, 7.7635

Protanopia

49.8514, 55.3312, 8.4004

Deuteranopia

56.3496, 55.1060, 8.0820



Tritanopia

64.4943, 55.2340, 55.4061

Trichromacy



Original Color

54.4732, 55.0960, 7.7635

Protanomaly

51.3305, 55.0951, 8.1587

Deuteranomaly

55.4758, 54.9728, 7.9454

Tritanomaly

58.2718, 54.1780, 25.1554

Monochromacy



Original Color

54.4732, 55.0960, 7.7635

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.4032, 48.7962, 23.5486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4732, 55.0960, 7.7635 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(241, 189, 0)` looks like.

```
.text, #text, p{  
    color:rgb(241, 189, 0)  
}
```

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(241, 189, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 189, 0) }
```

Border

The CSS property to change the border of an element to XYZ 54.4732, 55.0960, 7.7635 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(241, 189, 0) }
```


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

```
.border{ border-color:rgb(241, 189, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 189, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 189, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 189, 0);  
box-shadow:4px 4px 4px 4px rgb(241, 189,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4732, 55.0960, 7.7635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 189, 0) }
```

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

```
.background{ background-color: rgb(241,  
189, 0) }
```

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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