

Converting Colors

XYZ(53.6957, 52.7940, 8.1253)

Have a look what the booklet for
XYZ(53.6957, 52.7940, 8.1253)
contains.

XYZ(53.6963, 52.8021, 8.1208)	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(53.6963, 52.8021,
8.1208)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B716
RGB	242, 183, 22
RGB Percent	95%, 72%, 9%
CMY	0.0510, 0.2823, 0.9137
CMYK	0.00, 0.24, 0.91, 0.05
HSL	44°, 89%, 52%
HSV	44°, 91%, 95%
XYZ	53.6963, 52.8021, 8.1208
YIQ	182.2870, 86.8450, -37.5630

Conversions

Conversions Part 2

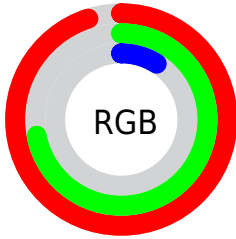
Format	Color
RYB	103, 242, 22
Decimal	15906582
CIELab	77.76, 9.21, 77.47
CIELCh	78, 78.011, 83.221
Yxy	52.8021, 0.4685, 0.4607
Android (android.graphics.Color)	4294096662 (0xFFFF2B716)
YUV	182.2870, -79.0215, 52.3683
Hunter-Lab	72.6651, 4.7399, 44.2395

Details

The XYZ color **53.6963, 52.8021, 8.1208** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **19.3008, 12.4670, 85.3930**, and the grayscale version is **45.0064, 47.3502, 51.5644**.

A 20% lighter version of the original color is **73.9097, 83.7143, 21.7142**, and **26.8050, 25.6686, 3.5418** is the 20% darker color. If you saturate the color by 10%, you get **52.3604, 50.3624, 6.9612**, and if you desaturate by 10%, it is **55.4195, 55.6850, 10.4340**.

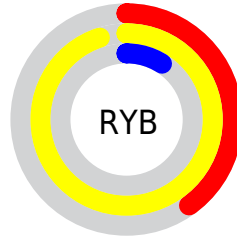
Distribution



Red (95%)

Green (72%)

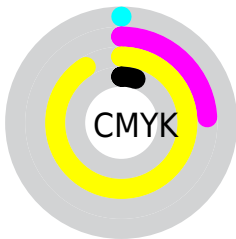
Blue (9%)



Red (40%)

Yellow (95%)

Blue (9%)

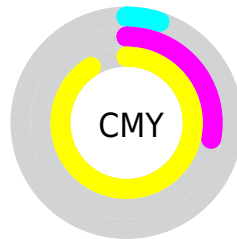


Cyan (0%)

Magenta (24%)

Yellow (91%)

Black (5%)



Cyan (5%)


Magenta (28%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6963, 52.8021, 8.1208 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 53.6963, 52.8021, 8.1208 by changing the saturation by 10% instead.


 53.6963, 52.8021,
8.1208


 53.6963, 52.8021,
8.1208

391.1681,
397.5254, 186.6463


 38.5886, 37.6448,
4.0835


 94.7877, 94.3131,
22.7450

 26.6191, 25.7071,
1.6712


 121.5021,
121.4356, 34.1689

 17.4225, 16.6047,
0.3409


 152.8161,
153.3153, 48.8921

 10.6333, 9.9530,
0.0000

 189.0952,
190.3366, 67.3332

 5.8863, 5.3678,
0.0000

 230.7045,
232.8838, 89.9106

 2.8161, 2.4647,
0.0000

 278.0096,

 1.0573, 0.8589,

281.3414, 117.0429

0.0000

331.3756,
336.0938, 149.1486

■ 0.0000, 0.0000,
0.0000

■ 53.6963, 52.8021,
8.1208

■ 53.6963, 52.8021,
8.1208

■ 52.3604, 50.3624,
6.9612

■ 55.4195, 55.6850,
10.4340

■ 57.4729, 58.7979,
14.1827

■ 59.8979, 62.1607,
19.5754

■ 62.7280, 65.7881,
26.7857

■ 65.9928, 69.6932,
35.9650

■ 69.7187, 73.8877,
47.2489

■ 73.9298, 78.3824,
60.7606

■ 78.6485, 83.1875,
76.6141

■ 83.8954, 88.3123,
94.9152

Harmonies

Analogous

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



69.6765, 52.8021, 13.2740



53.6963, 52.8021, 8.1208



39.5779, 52.8021, 9.9090

Triad

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



53.6963, 52.8021, 8.1208



27.9358, 52.8021, 96.9503



77.2495, 52.8021, 123.1142

Complementary

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



53.6963, 52.8021, 8.1208



19.3008, 12.4670, 85.3930

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.



62.5400, 52.8021, 172.9233



53.6963, 52.8021, 8.1208



34.7194, 52.8021, 153.2479

Square

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



53.6963, 52.8021, 8.1208



26.5053, 52.8021, 48.2163



46.8337, 52.8021, 186.0805



84.9323, 52.8021, 67.8882

Rectangle

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



53.6963, 52.8021, 8.1208



32.7990, 52.8021, 15.6676



46.8337, 52.8021, 186.0805



72.8366, 52.8021, 141.9783

Sweetspot

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



53.6975, 52.8047, 8.1218



80.2691, 85.1121, 58.7357



38.5185, 20.0969, 10.3067



16.8451, 17.8538, 11.5110



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.



53.6975, 52.8047, 8.1218



58.9294, 56.6388, 7.8265



54.2312, 75.0756, 12.3924



16.7435, 17.7001, 16.6837



28.2471, 27.2923, 3.7792



2.4314, 2.4334, 0.3415

Inverse Universe

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



19.3008, 12.4670, 85.3930



20.1403, 11.4006, 95.7468



18.8165, 8.2751, 84.6094



15.2421, 15.9182, 19.9908



9.7180, 5.6603, 45.7082



0.8877, 0.6294, 3.8289

Previews

White Background



This preview shows how the XYZ color 53.6963, 52.8021, 8.1208 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 53.6963, 52.8021, 8.1208 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 53.6963, 52.8021, 8.1208

Background



This preview shows how black text looks on a background with the XYZ color 53.6963, 52.8021, 8.1208.



This preview shows how white text looks on a background with the XYZ color 53.6963, 52.8021,

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

53.6963, 52.8021, 8.1208

Protanopia

47.8607, 52.9618, 8.6198

Deuteranopia

53.8448, 52.5724, 8.1202



Tritanopia

62.7056, 52.6776, 51.6626

Trichromacy



Original Color

53.6963, 52.8021, 8.1208

Protanomaly

49.7265, 52.6299, 8.4019

Deuteranomaly

53.8448, 52.5724, 8.1202

Tritanomaly

57.6795, 52.0716, 26.0796

Monochromacy



Original Color

53.6963, 52.8021, 8.1208

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.2679, 47.7485, 25.8993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6963, 52.8021, 8.1208 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(242, 183, 22)` looks like.

```
.text, #text, p{  
    color:rgb(242, 183, 22)  
}
```

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(242, 183, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 183, 22) }
```

Border

The CSS property to change the border of an element to XYZ 53.6963, 52.8021, 8.1208 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(242, 183, 22) }
```


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

```
.border{ border-color:rgb(242, 183, 22) }
```

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

Here you see how a box with a 4 pixel rgb(242, 183, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 183, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 183, 22);  
box-shadow:4px 4px 4px 4px rgb(242, 183,  
22) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6963, 52.8021, 8.1208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 183, 22) }
```

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

```
.background{ background-color: rgb(242,  
183, 22) }
```

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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