

Converting Colors

XYZ(53.4148, 52.7796, 21.0088)

Have a look what the booklet for
XYZ(53.4148, 52.7796, 21.0088)
contains.

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Color

**XYZ(53.3463, 52.6452,
20.9856)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B86A
RGB	233, 184, 106
RGB Percent	91%, 72%, 42%
CMY	0.0863, 0.2784, 0.5843
CMYK	0.00, 0.21, 0.55, 0.09
HSL	37°, 74%, 66%
HSV	37°, 55%, 91%
XYZ	53.3463, 52.6452, 20.9856
YIQ	189.7590, 54.2420, -13.8700

Conversions

Conversions Part 2

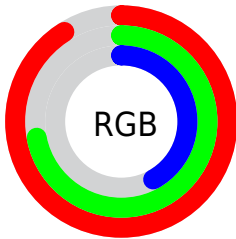
Format	Color
RYB	186, 233, 106
Decimal	15317098
CIELab	77.67, 8.71, 45.96
CIElCh	78, 46.782, 79.271
Yxy	52.6452, 0.4201, 0.4146
Android (android.graphics.Color)	4293507178 (0xFFE9B86A)
YUV	189.7590, -41.2932, 37.9224
Hunter-Lab	72.5570, 4.2643, 33.6415

Details

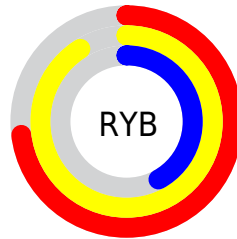
The XYZ color **53.3463, 52.6452, 20.9856** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **32.3728, 32.3889, 81.6360**, and the grayscale version is **49.0142, 51.5668, 56.1562**.

A 20% lighter version of the original color is **78.6581, 86.0834, 45.2709**, and **26.2857, 25.5168, 7.2812** is the 20% darker color. If you saturate the color by 10%, you get **50.4874, 48.6102, 14.8452**, and if you desaturate by 10%, it is **56.6556, 57.0543, 28.9009**.

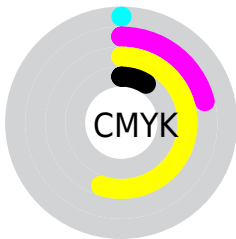
Distribution



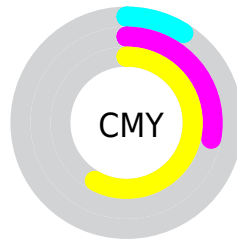
- Red (91%)
- Green (72%)
- Blue (42%)



- Red (73%)
- Yellow (91%)
- Blue (42%)



- Cyan (0%)
- Magenta (21%)
- Yellow (55%)
- Black (9%)





- Cyan (9%)
- Magenta (28%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3463, 52.6452, 20.9856 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 53.3463, 52.6452, 20.9856 by changing the saturation by 10% instead.

 53.3463, 52.6452,
20.9856

 53.3463, 52.6452,
20.9856


389.8515,
396.9224, 269.9805


 38.3079, 37.5196,
12.9223

 94.2763, 94.0821,
45.9440


 26.4000, 25.6101,
7.2450


 120.8986,
121.1622, 63.6763

 17.2574, 16.5322,
3.5350


 152.1128,
152.9959, 85.4687

 10.5146, 9.9015,
1.3739

 188.2844,
189.9676, 111.7396

 5.8063, 5.3337,
0.1212

229.7787,
232.4617, 142.9077

 2.7672, 2.4444,
0.0000

276.9611,

 1.0319, 0.8486,

280.8626, 179.3916

0.0000

330.1969,
335.5547, 221.6096

■ 0.0000, 0.0000,
0.0000

■ 53.3463, 52.6452,
20.9856

■ 53.3463, 52.6452,
20.9856

■ 50.4874, 48.6102,
14.8452

■ 56.6556, 57.0543,
28.9009

■ 48.0455, 44.9263,
10.3320

■ 60.4378, 61.8437,
38.7167

■ 45.9879, 41.5790,
7.2790

■ 64.7184, 67.0291,
50.5505

■ 44.2734, 38.5479,
5.4812

■ 69.5195, 72.6225,
64.5095

■ 43.4434, 37.0021,
4.8524

■ 74.8619, 78.6354,
80.6932

■ 80.7651, 85.0787,
99.1948

■ 84.8928, 91.0208,
107.7022

■ 87.4142, 96.0636,
108.5426

Harmonies

Analogous

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



62.2670, 52.6452, 27.2517



53.3463, 52.6452, 20.9856



44.5137, 52.6452, 21.9838

Triad

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



53.3463, 52.6452, 20.9856



35.3485, 52.6452, 75.3847



64.4106, 52.6452, 96.3570

Complementary

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



53.3463, 52.6452, 20.9856



32.3728, 32.3889, 81.6360

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.



56.0008, 52.6452, 118.3782



53.3463, 52.6452, 20.9856



39.5246, 52.6452, 103.9664

Square

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



53.3463, 52.6452, 20.9856



34.8192, 52.6452, 48.5387



46.8688, 52.6452, 121.5199



69.1476, 52.6452, 67.1050

Rectangle

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



53.3463, 52.6452, 20.9856



39.8151, 52.6452, 26.7582



46.8688, 52.6452, 121.5199



61.8755, 52.6452, 105.1832

Sweetspot

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



53.3476, 52.6477, 20.9866



84.3458, 88.0106, 76.2946



44.8273, 30.0597, 35.2489



17.7857, 18.5286, 15.5434



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.



53.3476, 52.6477, 20.9866



61.6967, 59.2716, 17.6951



61.3465, 74.5808, 24.7986



15.8357, 16.5945, 15.8871



24.7745, 21.2432, 2.7946



2.0381, 1.8536, 0.2504

Inverse Universe

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



32.3728, 32.3889, 81.6360



33.6168, 32.2022, 99.0516



27.4291, 20.0926, 79.5231



14.7077, 15.5017, 19.1392



10.5262, 7.6994, 44.6743



0.9173, 0.7860, 3.5382

Previews

White Background



This preview shows how the XYZ color 53.3463, 52.6452, 20.9856 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 53.3463, 52.6452, 20.9856 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 53.3463, 52.6452, 20.9856

Background



This preview shows how black text looks on a background with the XYZ color 53.3463, 52.6452, 20.9856.



This preview shows how white text looks on a background with the XYZ color 53.3463, 52.6452,

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

53.3463, 52.6452, 20.9856

Protanopia

48.4739, 52.6523, 22.0761

Deuteranopia

53.7960, 52.5697, 20.9473



Tritanopia

60.1483, 52.4282, 54.5264

Trichromacy



Original Color

53.3463, 52.6452, 20.9856

Protanomaly

50.1178, 52.5380, 21.6867

Deuteranomaly

53.4667, 52.4000, 20.9319

Tritanomaly

57.0170, 52.3139, 39.4402

Monochromacy



Original Color

53.3463, 52.6452, 20.9856

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.6948, 51.5915, 40.1398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3463, 52.6452, 20.9856 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(233, 184, 106)` looks like.

```
.text, #text, p{  
    color:rgb(233, 184, 106)  
}
```

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(233, 184, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 184, 106) }
```

Border

The CSS property to change the border of an element to XYZ 53.3463, 52.6452, 20.9856 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(233, 184, 106) }
```


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

```
.border{ border-color:rgb(233, 184, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 184, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 184, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 184, 106);  
box-shadow:4px 4px 4px 4px rgb(233, 184,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3463, 52.6452, 20.9856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 184, 106) }
```

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

```
.background{ background-color: rgb(233,  
184, 106) }
```

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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