

Converting Colors

XYZ(54.4953, 60.7295, 20.0552)

Have a look what the booklet for
XYZ(54.4953, 60.7295, 20.0552)
contains.

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Color

**XYZ(54.3532, 60.5353,
20.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	DECE61
RGB	222, 206, 97
RGB Percent	87%, 81%, 38%
CMY	0.1294, 0.1921, 0.6196
CMYK	0.00, 0.07, 0.56, 0.13
HSL	52°, 65%, 63%
HSV	52°, 56%, 87%
XYZ	54.3532, 60.5353, 20.1290
YIQ	198.3580, 44.5250, -30.5070

Conversions

Conversions Part 2

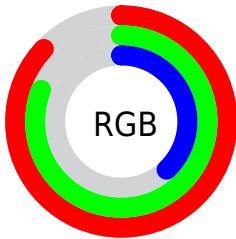
Format	Color
RYB	115, 222, 97
Decimal	14601825
CIELab	82.13, -7.95, 55.25
CIELCh	82, 55.822, 98.188
Yxy	60.5353, 0.4026, 0.4484
Android (android.graphics.Color)	4292791905 (0xFFDECE61)
YUV	198.3580, -49.9695, 20.7340
Hunter-Lab	77.8044, -11.4599, 39.1240

Details

The XYZ color **54.3532, 60.5353, 20.1290** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.0196, 19.6250, 71.6290**, and the grayscale version is **54.1716, 56.9927, 62.0650**.

A 20% lighter version of the original color is **82.5859, 95.0144, 43.2650**, and **26.9927, 30.5308, 6.8532** is the 20% darker color. If you saturate the color by 10%, you get **52.7824, 58.8249, 15.1937**, and if you desaturate by 10%, it is **56.2289, 62.3920, 26.5960**.

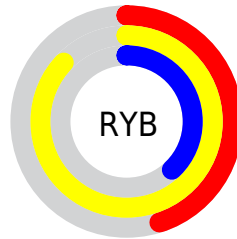
Distribution



Red (87%)

Green (81%)

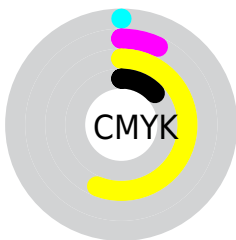
Blue (38%)



Red (45%)

Yellow (87%)

Blue (38%)

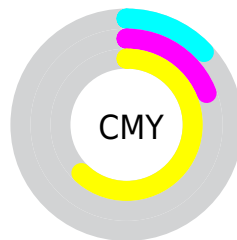


Cyan (0%)

Magenta (7%)

Yellow (56%)

Black (13%)



Cyan (13%)

Magenta (19%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3532, 60.5353, 20.1290 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 54.3532, 60.5353, 20.1290 by changing the saturation by 10% instead.

■ 54.3532, 60.5353,
20.1290

■ 54.3532, 60.5353,
20.1290

393.6318,
426.5681, 265.2399

■ 39.1159, 43.8502,
12.3038

■ 95.7465, 105.6058,
44.4952

■ 27.0310, 30.5528,
6.8259

■ 122.6332,
134.7600, 61.8733

■ 17.7332, 20.2586,
3.2767

■ 154.1338,
168.8394, 83.2727

■ 10.8572, 12.5831,
1.2376

■ 190.6136,
208.2284, 109.1121

■ 6.0375, 7.1421,
0.0098

232.4379,
253.3114, 139.8100

■ 2.9087, 3.5511,
0.0000

279.9722,

■ 1.1057, 1.4258,

304.4727, 175.7849

0.0000

333.5817,
362.0968, 217.4554

■ 0.0299, 0.2356,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3532, 60.5353,
20.1290

■ 54.3532, 60.5353,
20.1290

■ 52.7824, 58.8249,
15.1937

■ 56.2289, 62.3920,
26.5960

■ 51.4872, 57.2421,
11.6557


■ 58.4272, 64.3953,
34.7069


■ 50.4400, 55.7781,
9.3632


■ 60.9694, 66.5562,
44.5674


■ 49.6044, 54.4183,
8.1249


■ 63.8739, 68.8820,
56.2736


 49.3257, 53.9327,
7.8103

 67.1576, 71.3798,
69.9144

 70.8364, 74.0558,
85.5730

 74.9251, 76.9162,
103.3278

 76.1188, 78.6390,
105.7747

 76.9101, 80.2215,
106.0384

Harmonies

Analogous

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



66.4235, 60.5353, 22.0009



54.3532, 60.5353, 20.1290



44.5708, 60.5353, 26.7816

Triad

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



54.3532, 60.5353, 20.1290



41.4246, 60.5353, 115.0357



81.3842, 60.5353, 93.2481

Complementary

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



54.3532, 60.5353, 20.1290



24.0196, 19.6250, 71.6290

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.



72.8015, 60.5353, 131.6410



54.3532, 60.5353, 20.1290



49.4807, 60.5353, 146.9336

Square

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



54.3532, 60.5353, 20.1290



37.8056, 60.5353, 75.6478



60.8427, 60.5353, 153.8762



83.1595, 60.5353, 57.0507

Rectangle

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



54.3532, 60.5353, 20.1290



40.2682, 60.5353, 37.1556



60.8427, 60.5353, 153.8762



79.1480, 60.5353, 106.6330

Sweetspot

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



54.3546, 60.5381, 20.1302



87.0955, 94.0277, 75.6149



37.4175, 25.2869, 18.7298



18.4627, 19.9847, 15.4547



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.



54.3546, 60.5381, 20.1302



71.8338, 80.0351, 19.5653



46.2214, 62.3551, 20.9096



14.7143, 15.7146, 14.5645



29.3560, 32.1500, 4.6583



2.0771, 2.3131, 0.3370

Inverse Universe

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



24.0196, 19.6250, 71.6290



26.4239, 18.8538, 96.8542



28.7589, 19.6488, 71.3838



13.0927, 13.5245, 17.3081



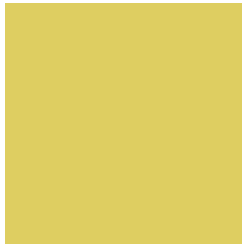
8.1283, 3.7262, 41.3392



0.6101, 0.3517, 2.8810

Previews

White Background



This preview shows how the XYZ color 54.3532, 60.5353, 20.1290 looks on a white background.

Color Contrast Check

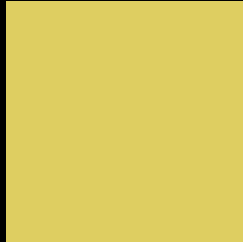
Large Text (above 18pt) WCAG AA × Fail

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 54.3532, 60.5353, 20.1290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

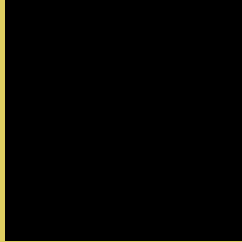
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3532, 60.5353, 20.1290

Background



This preview shows how black text looks on a background with the XYZ color 54.3532, 60.5353, 20.1290.



This preview shows how white text looks on a background with the XYZ color 54.3532, 60.5353,

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

54.3532, 60.5353, 20.1290

Protanopia

55.3530, 60.6945, 20.1070

Deuteranopia

61.7369, 60.1991, 20.4223



Tritanopia

64.4047, 60.5107, 68.6068

Trichromacy



Original Color

54.3532, 60.5353, 20.1290

Protanomaly

55.0403, 60.5333, 20.0924

Deuteranomaly

58.7218, 59.9898, 20.2886

Tritanomaly

59.5751, 59.8733, 45.4626

Monochromacy



Original Color

54.3532, 60.5353, 20.1290

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.0518, 57.6119, 42.0423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3532, 60.5353, 20.1290 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(222, 206, 97)` looks like.

```
.text, #text, p{  
    color:rgb(222, 206, 97)  
}
```

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(222, 206, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 206, 97) }
```

Border

The CSS property to change the border of an element to XYZ 54.3532, 60.5353, 20.1290 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(222, 206, 97) }
```


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

```
.border{ border-color:rgb(222, 206, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 206, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 206, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 206, 97);  
box-shadow:4px 4px 4px 4px rgb(222, 206,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3532, 60.5353, 20.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 206, 97) }
```

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

```
.background{ background-color: rgb(222,  
206, 97) }
```

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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