

Converting Colors

XYZ(53.6879, 60.6253, 36.2674)

Have a look what the booklet for
XYZ(53.6879, 60.6253, 36.2674)
contains.

XYZ(53.4763, 60.4525, 36.0441)	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(53.4763, 60.4525,
36.0441)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD092
RGB	207, 208, 146
RGB Percent	81%, 82%, 57%
CMY	0.1882, 0.1843, 0.4274
CMYK	0.00, 0.00, 0.30, 0.18
HSL	61°, 40%, 69%
HSV	61°, 30%, 82%
XYZ	53.4763, 60.4525, 36.0441
YIQ	200.6330, 19.3060, -19.4940

Conversions

Conversions Part 2

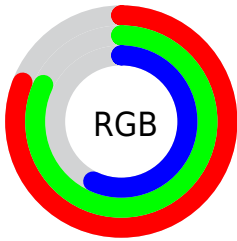
Format	Color
R _Y B	146, 208, 147
Decimal	13619346
CIE Lab	82.08, -10.00, 30.76
CIE LCh	82, 32.342, 108.013
Yxy	60.4525, 0.3566, 0.4031
Android (android.graphics.Color)	4291809426 (0xFFCFD092)
YUV	200.6330, -26.9341, 5.5839
Hunter-Lab	77.7512, -13.2946, 26.9400

Details

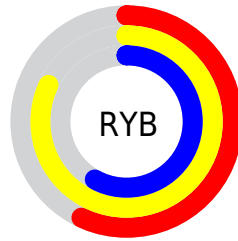
The XYZ color **53.4763, 60.4525, 36.0441** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.6990, 31.3164, 63.9466**, and the grayscale version is **55.4445, 58.3319, 63.5235**.

A 20% lighter version of the original color is **87.4253, 96.9501, 68.7490**, and **26.5701, 30.6128, 15.3349** is the 20% darker color. If you saturate the color by 10%, you get **51.9098, 59.8171, 28.2795**, and if you desaturate by 10%, it is **55.3405, 61.2112, 45.3618**.

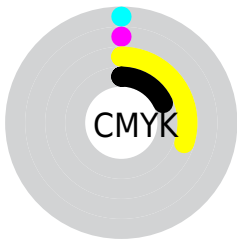
Distribution



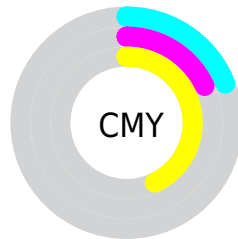
- Red (81%)
- Green (82%)
- Blue (57%)



- Red (57%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (0%)
- Yellow (30%)
- Black (18%)





- Cyan (19%)
- Magenta (18%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4763, 60.4525, 36.0441 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 53.4763, 60.4525, 36.0441 by changing the saturation by 10% instead.


 53.4763, 60.4525,
36.0441


 53.4763, 60.4525,
36.0441


390.3408,
426.2637, 344.1965

 38.4121, 43.7835,
24.1783


 94.4663, 105.4858,
70.2699

 26.4814, 30.5003,
15.2525


 121.1228,
134.6188, 93.4671

 17.3187, 20.2187,
8.8482


152.3742,
168.6754, 121.2783

 10.5587, 12.5541,
4.5468


188.5857,
208.0397, 154.1224

 5.8360, 7.1222,
1.9299

230.1228,
253.0964, 192.4177

 2.7853, 3.5386,
0.5116

277.3508,

 1.0413, 1.4190,

304.2296, 236.5827

0.0000

330.6350,
361.8239, 287.0362

0.0000, 0.2307,
0.0000

0.0000, 0.0000,
0.0000

53.4763, 60.4525,
36.0441

53.4763, 60.4525,
36.0441

51.9098, 59.8171,
28.2795

55.3405, 61.2112,
45.3618

50.6204, 59.2905,
21.9800

57.5126, 62.0909,
56.3064

49.5922, 58.8684,
17.0546

60.0079, 63.1000,
68.9520

48.8057, 58.5430,
13.4009

62.8393, 64.2435,
83.3665

■ 48.2386, 58.3054,
10.9020

■ 66.0191, 65.5265,
99.6146

■ 47.8648, 58.1451,
9.4195

■ 66.9084, 65.8932,
103.7999

■ 47.6368, 58.0432,
8.7042

■ 67.0040, 65.9424,
103.8044

■ 47.6329, 58.0414,
8.6926

■ 67.0997, 65.9918,
103.8089

■ 67.1957, 66.0413,
103.8134

Harmonies

Analogous

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



60.2408, 60.4525, 35.3607



53.4763, 60.4525, 36.0441



48.2036, 60.4525, 43.6532

Triad

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



53.4763, 60.4525, 36.0441



49.0807, 60.4525, 98.0727



71.3466, 60.4525, 73.9817

Complementary

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



53.4763, 60.4525, 36.0441



33.6990, 31.3164, 63.9466

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.



67.8277, 60.4525, 94.4561



53.4763, 60.4525, 36.0441



54.7628, 60.4525, 110.1062

Square

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



53.4763, 60.4525, 36.0441



45.8082, 60.4525, 78.2050



61.6332, 60.4525, 108.6647



70.9329, 60.4525, 54.8213

Rectangle

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



53.4763, 60.4525, 36.0441



46.0777, 60.4525, 52.6715



61.6332, 60.4525, 108.6647



70.5736, 60.4525, 80.9983

Sweetspot

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



53.4778, 60.4552, 36.0454



91.4358, 98.5385, 90.5818



41.4816, 36.0445, 31.9659



19.4546, 21.0442, 18.7999



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.



53.4778, 60.4552, 36.0454



83.0833, 95.1503, 48.7312



45.8780, 56.5373, 35.6897



12.7837, 13.7875, 12.5995



29.6942, 36.1769, 5.4178



1.6665, 2.0260, 0.3032

Inverse Universe

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



33.6990, 31.3164, 63.9466



46.6351, 41.4514, 100.1507



39.7973, 34.4603, 64.2320



11.1812, 11.4267, 14.8599



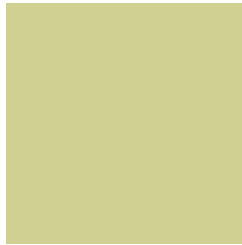
7.1300, 2.8560, 37.3680



0.4050, 0.1630, 2.0897

Previews

White Background



This preview shows how the XYZ color 53.4763, 60.4525, 36.0441 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 53.4763, 60.4525, 36.0441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

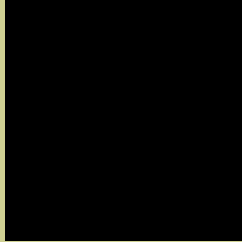
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4763, 60.4525, 36.0441

Background



This preview shows how black text looks on a background with the XYZ color 53.4763, 60.4525, 36.0441.



This preview shows how white text looks on a background with the XYZ color 53.4763, 60.4525,

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

53.4763, 60.4525, 36.0441

Protanopia

56.1421, 60.4150, 35.0878

Deuteranopia

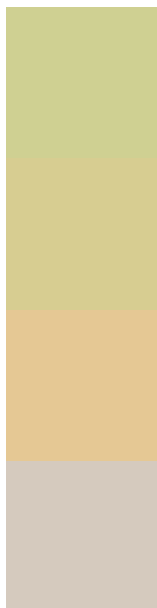
61.5579, 60.0774, 36.7854



Tritanopia

61.0081, 60.3521, 72.7236

Trichromacy



Original Color

53.4763, 60.4525, 36.0441

Protanomaly

54.9665, 60.1541, 35.5019

Deuteranomaly

58.3127, 60.1047, 36.5449

Tritanomaly

57.8554, 60.1049, 57.2673

Monochromacy



Original Color

53.4763, 60.4525, 36.0441

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.5620, 59.2184, 52.2706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4763, 60.4525, 36.0441 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(207, 208, 146)` looks like.

```
.text, #text, p{  
    color:rgb(207, 208, 146)  
}
```

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(207, 208, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 208, 146) }
```

Border

The CSS property to change the border of an element to XYZ 53.4763, 60.4525, 36.0441 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(207, 208, 146) }
```


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

```
.border{ border-color:rgb(207, 208, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 208, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 208, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 208, 146);  
box-shadow:4px 4px 4px 4px rgb(207, 208,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4763, 60.4525, 36.0441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 208, 146) }
```

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

```
.background{ background-color: rgb(207,  
208, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor