

Converting Colors

XYZ(53.0432, 61.9255, 18.9651)

Have a look what the booklet for
XYZ(53.0432, 61.9255, 18.9651)
contains.

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Color

**XYZ(53.1634, 62.1384,
19.0894)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D45B
RGB	214, 212, 91
RGB Percent	84%, 83%, 36%
CMY	0.1608, 0.1686, 0.6431
CMYK	0.00, 0.01, 0.57, 0.16
HSL	59°, 60%, 60%
HSV	59°, 57%, 84%
XYZ	53.1634, 62.1384, 19.0894
YIQ	198.8040, 40.0330, -37.2070

Conversions

Conversions Part 2

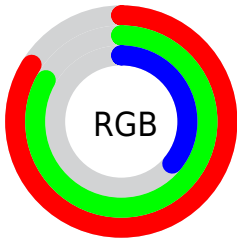
Format	Color
R_{YB}	93, 214, 91
Decimal	14079067
CIE _{Lab}	82.99, -14.70, 58.73
CIE _{LCh}	83, 60.542, 104.054
Yxy	62.1384, 0.3956, 0.4624
Android (android.graphics.Color)	4292269147 (0xFFD6D45B)
YUV	198.8040, -53.1474, 13.3269
Hunter-Lab	78.8279, -17.5642, 40.8215

Details

The XYZ color **53.1634, 62.1384, 19.0894** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **20.3664, 14.9076, 65.4222**, and the grayscale version is **54.4652, 57.3016, 62.4014**.

A 20% lighter version of the original color is **82.1108, 94.8243, 40.7633**, and **26.4349, 31.7432, 6.3239** is the 20% darker color. If you saturate the color by 10%, you get **52.2828, 61.6498, 14.8729**, and if you desaturate by 10%, it is **54.3104, 62.7384, 24.6945**.

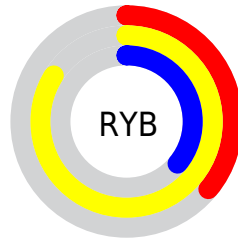
Distribution



Red (84%)

Green (83%)

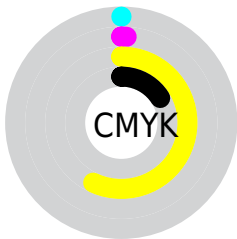
Blue (36%)



Red (36%)

Yellow (84%)

Blue (36%)

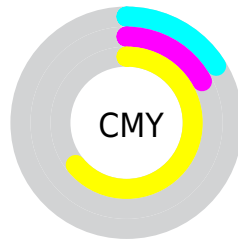


Cyan (0%)

Magenta (1%)

Yellow (57%)

Black (16%)



Cyan (16%)

Magenta (17%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1634, 62.1384, 19.0894 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 53.1634, 62.1384, 19.0894 by changing the saturation by 10% instead.

■ 53.1634, 62.1384,
19.0894

■ 53.1634, 62.1384,
19.0894

389.1623,
432.4357, 259.3810

■ 38.1612, 45.1445,
11.5574

■ 94.0089, 107.9255,
42.7238

■ 26.2856, 31.5713,
6.3242

■ 120.5829,
137.4876, 59.6633

■ 17.1712, 21.0343,
2.9713

■ 151.7449,
172.0078, 80.5758

■ 10.4527, 13.1490,
1.0800

■ 187.8603,
211.8707, 105.8797

■ 5.7647, 7.5313,
0.0000

229.2943,
257.4605, 135.9937

■ 2.7418, 3.7965,
0.0000

276.4125,

■ 1.0188, 1.5604,

309.1617, 171.3362

0.0000

329.5800,
367.3586, 212.3258

0.0000, 0.3307,
0.0000

0.0000, 0.0000,
0.0000

53.1634, 62.1384,
19.0894

53.1634, 62.1384,
19.0894

52.2828, 61.6498,
14.8729

54.3104, 62.7384,
24.6945

51.6410, 61.2547,
11.9199


55.7396, 63.4494,
31.7916


51.2126, 60.9453,
10.0895


57.4710, 64.2814,
40.4785


50.9605, 60.7068,
9.1868


59.5212, 65.2413,
50.8437


 50.9092, 60.6515,
9.0237

 61.9059, 66.3353,
62.9693

 64.6396, 67.5693,
76.9318

 67.7360, 68.9486,
92.8034

 70.0263, 70.0057,
104.4294

 70.1146, 70.1824,
104.4589

Harmonies

Analogous

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



66.2405, 62.1384, 19.3553



53.1634, 62.1384, 19.0894



43.2471, 62.1384, 27.9824

Triad

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



53.1634, 62.1384, 19.0894



42.7720, 62.1384, 131.0893



86.6828, 62.1384, 89.4301

Complementary

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



53.1634, 62.1384, 19.0894



20.3664, 14.9076, 65.4222

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.



78.3239, 62.1384, 133.7194



53.1634, 62.1384, 19.0894



52.4193, 62.1384, 163.1897

Square

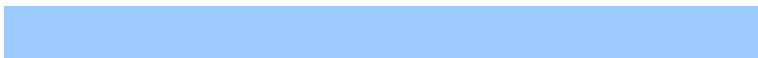
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.1634, 62.1384, 19.0894



37.8749, 62.1384, 86.6926



65.3787, 62.1384, 164.2989



86.9606, 62.1384, 51.6362

Rectangle

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



53.1634, 62.1384, 19.0894



39.2153, 62.1384, 40.7917



65.3787, 62.1384, 164.2989



84.6752, 62.1384, 104.3036

Sweetspot

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



53.1649, 62.1413, 19.0907



88.6157, 97.0682, 76.1216



33.4510, 22.5701, 12.9617



18.8259, 20.7109, 15.5758



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.



53.1649, 62.1413, 19.0907



77.5098, 91.5386, 20.9902



39.3667, 55.7727, 18.5887



13.4548, 14.4838, 13.2472



30.7793, 36.6759, 5.4569



1.8621, 2.2234, 0.3310

Inverse Universe

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



20.3664, 14.9076, 65.4222



24.2886, 14.9043, 96.2044



28.5399, 18.8647, 65.7553



11.7586, 12.0406, 15.6418



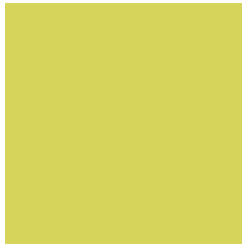
7.3665, 2.9947, 38.6429



0.4501, 0.1923, 2.3327

Previews

White Background



This preview shows how the XYZ color 53.1634, 62.1384, 19.0894 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 53.1634, 62.1384, 19.0894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

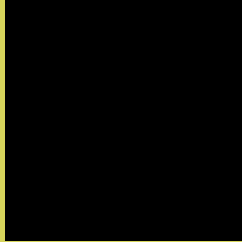
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1634, 62.1384, 19.0894

Background



This preview shows how black text looks on a background with the XYZ color 53.1634, 62.1384, 19.0894.



This preview shows how white text looks on a background with the XYZ color 53.1634, 62.1384,

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

53.1634, 62.1384, 19.0894

Protanopia

56.7491, 62.1699, 18.4602

Deuteranopia

63.3176, 62.0370, 19.7035



Tritanopia

64.0532, 61.9219, 72.8661

Trichromacy



Original Color

53.1634, 62.1384, 19.0894

Protanomaly

55.3864, 62.1864, 18.7569

Deuteranomaly

59.0761, 61.5745, 19.3611

Tritanomaly

58.9728, 61.6176, 46.8154

Monochromacy



Original Color

53.1634, 62.1384, 19.0894

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.8399, 58.5612, 41.7762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1634, 62.1384, 19.0894 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(214, 212, 91)` looks like.

```
.text, #text, p{  
    color:rgb(214, 212, 91)  
}
```

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(214, 212, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 212, 91) }
```

Border

The CSS property to change the border of an element to XYZ 53.1634, 62.1384, 19.0894 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(214, 212, 91) }
```


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

```
.border{ border-color:rgb(214, 212, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 212, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 212, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 212, 91);  
box-shadow:4px 4px 4px 4px rgb(214, 212,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1634, 62.1384, 19.0894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 212, 91) }
```

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

```
.background{ background-color: rgb(214,  
212, 91) }
```

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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