

Converting Colors

XYZ(53.1882, 59.9241, 14.0163)

Have a look what the booklet for
XYZ(53.1882, 59.9241, 14.0163)
contains.

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Color

**XYZ(53.2086, 60.0775,
14.1019)**

Conversions

Conversions Part 1

Format	Color
Hex	DECE43
RGB	222, 206, 67
RGB Percent	87%, 81%, 26%
CMY	0.1294, 0.1921, 0.7372
CMYK	0.00, 0.07, 0.70, 0.13
HSL	54°, 70%, 57%
HSV	54°, 70%, 87%
XYZ	53.2086, 60.0775, 14.1019
YIQ	194.9380, 54.1550, -39.8370

Conversions

Conversions Part 2

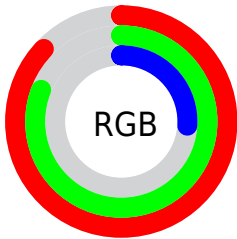
Format	Color
R _Y B	85, 222, 67
Decimal	14601795
CIE Lab	81.88, -9.82, 67.57
CIE LCh	82, 68.279, 98.265
Yxy	60.0775, 0.4177, 0.4716
Android (android.graphics.Color)	4292791875 (0xFFDECE43)
YUV	194.9380, -63.0734, 23.7334
Hunter-Lab	77.5097, -13.1058, 43.4697

Details

The XYZ color **53.2086, 60.0775, 14.1019** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **18.5928, 12.6535, 70.5691**, and the grayscale version is **52.1777, 54.8950, 59.7806**.

A 20% lighter version of the original color is **80.5752, 94.2101, 32.6765**, and **26.3325, 30.2430, 4.4496** is the 20% darker color. If you saturate the color by 10%, you get **52.1191, 58.7680, 11.0593**, and if you desaturate by 10%, it is **54.5640, 61.5108, 18.4932**.

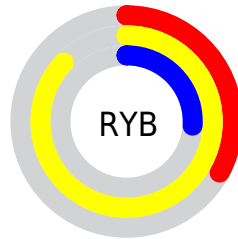
Distribution



Red (87%)

Green (81%)

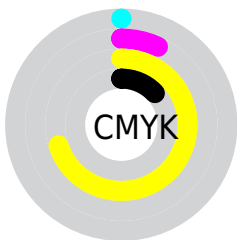
Blue (26%)



Red (33%)

Yellow (87%)

Blue (26%)

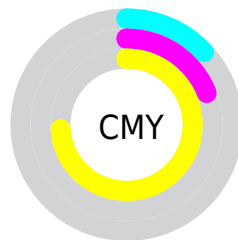


Cyan (0%)

Magenta (7%)

Yellow (70%)

Black (13%)



Cyan (13%)

Magenta (19%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2086, 60.0775, 14.1019 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 53.2086, 60.0775, 14.1019 by changing the saturation by 10% instead.

■ 53.2086, 60.0775,
14.1019

■ 53.2086, 60.0775,
14.1019

389.3327,
424.8834, 229.3143

■ 38.1975, 43.4811,
8.0520

■ 94.0750, 104.9421,
33.9895

■ 26.3139, 30.2628,
4.0400

■ 120.6609,
133.9791, 48.6642

■ 17.1925, 20.0381,
1.6473

■ 151.8359,
167.9317, 67.0510

■ 10.4680, 12.4228,
0.3242

■ 187.9651,
207.1844, 89.5683

■ 5.7750, 7.0323,
0.0000

■ 229.4141,
252.1215, 116.6348

■ 2.7481, 3.4823,
0.0000

276.5481,

■ 1.0220, 1.3884,

303.1274, 148.6689

0.0000

329.7325,
360.5866, 186.0892

■ 0.0000, 0.2082,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.2086, 60.0775,
14.1019

■ 53.2086, 60.0775,
14.1019

■ 52.1191, 58.7680,
11.0593

■ 54.5640, 61.5108,
18.4932

■ 51.2605, 57.5614,
9.1987

■ 56.2074, 63.0699,
24.3672

■ 50.5805, 56.4389,
8.2396

■ 58.1631, 64.7669,
31.8456

■ 50.5686, 56.4188,
8.2247

■ 60.4516, 66.6101,
41.0366

■ 63.0917, 68.6069,
52.0389

■ 66.1008, 70.7645,
64.9438

■ 69.4951, 73.0894,
79.8364

■ 73.2898, 75.5876,
96.7966

■ 75.5398, 77.4812,
105.5817

Harmonies

Analogous

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



67.9959, 60.0775, 15.9068



53.2086, 60.0775, 14.1019



41.5960, 60.0775, 20.7806

Triad

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



53.2086, 60.0775, 14.1019



37.9833, 60.0775, 127.9349



86.9199, 60.0775, 99.4419

Complementary

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



53.2086, 60.0775, 14.1019



18.5928, 12.6535, 70.5691

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.



76.0493, 60.0775, 149.6546



53.2086, 60.0775, 14.1019



47.4384, 60.0775, 170.3588

Square

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



53.2086, 60.0775, 14.1019



33.8256, 60.0775, 77.5043



61.1805, 60.0775, 179.6467



89.1661, 60.0775, 54.6516

Rectangle

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



53.2086, 60.0775, 14.1019



36.6197, 60.0775, 31.9085



61.1805, 60.0775, 179.6467



84.0747, 60.0775, 116.6953

Sweetspot

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



53.2100, 60.0803, 14.1031



85.8582, 93.5433, 69.0667



33.7745, 20.2016, 10.7317



18.1553, 19.8564, 13.8518



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.



53.2100, 60.0803, 14.1031



70.7468, 79.6387, 13.7226



42.1536, 60.3902, 14.7457



14.7446, 15.7752, 14.5746



30.0851, 33.6080, 4.9013



2.1206, 2.4001, 0.3515

Inverse Universe

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



18.5928, 12.6535, 70.5691



20.7286, 11.2315, 95.6831



23.8583, 13.7563, 70.5044



13.0653, 13.4697, 17.2990



8.0504, 3.5703, 41.3132



0.5971, 0.3257, 2.8766

Previews

White Background



This preview shows how the XYZ color 53.2086, 60.0775, 14.1019 looks on a white background.

Color Contrast Check

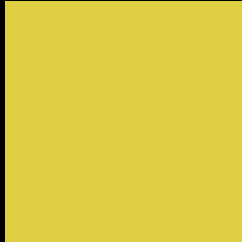
Large Text (above 18pt) WCAG AA × Fail

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 53.2086, 60.0775, 14.1019 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 53.2086, 60.0775, 14.1019

Background



This preview shows how black text looks on a background with the XYZ color 53.2086, 60.0775, 14.1019.



This preview shows how white text looks on a background with the XYZ color 53.2086, 60.0775,

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

53.2086, 60.0775, 14.1019

Protanopia

54.5711, 60.0731, 13.8733

Deuteranopia

61.0803, 59.6657, 14.2586



Tritanopia

64.3868, 60.1864, 67.8981

Trichromacy



Original Color

53.2086, 60.0775, 14.1019

Protanomaly

54.1787, 60.2247, 13.9233

Deuteranomaly

57.9175, 59.7076, 14.2665

Tritanomaly

58.9130, 59.6455, 40.3060

Monochromacy



Original Color

53.2086, 60.0775, 14.1019

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.9456, 55.9641, 36.1340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2086, 60.0775, 14.1019 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, 67)` looks like.

```
.text, #text, p{  
    color:rgb(222, 206, 67)  
}
```

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, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 206, 67) }
```

Border

The CSS property to change the border of an element to XYZ 53.2086, 60.0775, 14.1019 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, 67) }
```


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

```
.border{ border-color:rgb(222, 206, 67) }
```

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, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 206, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 206, 67);  
box-shadow:4px 4px 4px 4px rgb(222, 206,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2086, 60.0775, 14.1019 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, 67) }
```

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

```
.background{ background-color: rgb(222,  
206, 67) }
```

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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