

Converting Colors

XYZ(16.0253, 14.0318, 53.4935)

Have a look what the booklet for
XYZ(16.0253, 14.0318, 53.4935)
contains.

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Color

**XYZ(16.0253, 14.0318,
53.4935)**

Conversions

Conversions Part 1

Format	Color
Hex	3665C3
RGB	54, 101, 195
RGB Percent	21%, 40%, 76%
CMY	0.7882, 0.6039, 0.2353
CMYK	0.72, 0.48, 0.00, 0.24
HSL	220°, 57%, 49%
HSV	220°, 72%, 76%
XYZ	16.0253, 14.0318, 53.4935
YIQ	97.6630, -58.1860, 19.2700

Conversions

Conversions Part 2

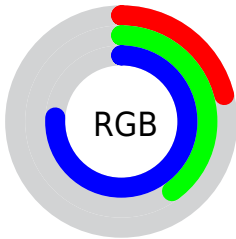
Format	Color
R_{YB}	54, 89, 195
Decimal	3564995
CIE _{Lab}	44.28, 16.40, -53.88
CIE _{LCh}	44, 56.326, 286.929
Yxy	14.0318, 0.1918, 0.1679
Android (android.graphics.Color)	4281755075 (0xFF3665C3)
YUV	97.6630, 47.9871, -38.2925
Hunter-Lab	37.4590, 10.8105, -58.4479

Details

The XYZ color **16.0253, 14.0318, 53.4935** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **33.7630, 33.0509, 8.0910**, and the grayscale version is **11.4219, 12.0168, 13.0863**.

A 20% lighter version of the original color is **36.1085, 33.0130, 96.5645**, and **6.0998, 4.6258, 25.3823** is the 20% darker color. If you saturate the color by 10%, you get **14.0167, 11.2684, 53.0663**, and if you desaturate by 10%, it is **18.6542, 17.4116, 54.0076**.

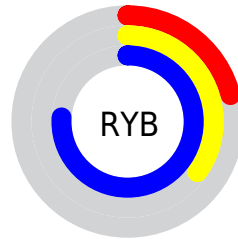
Distribution



Red (21%)

Green (40%)

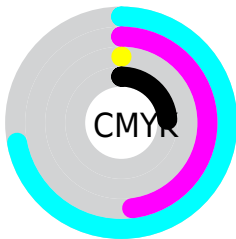
Blue (76%)



Red (21%)

Yellow (35%)

Blue (76%)

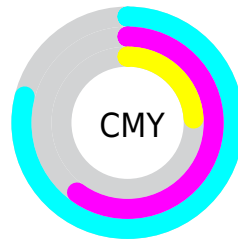


Cyan (72%)

Magenta (48%)

Yellow (0%)

Black (24%)



Cyan (79%)

Magenta (60%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0253, 14.0318, 53.4935 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 16.0253, 14.0318, 53.4935 by changing the saturation by 10% instead.

■ 16.0253, 14.0318,
53.4935

■ 16.0253, 14.0318,
53.4935

222.7584,
217.4286, 417.2955

■ 9.6330, 8.1428,
37.8065

■ 36.1992, 33.1454,
96.7790

■ 5.2167, 4.1865,
25.5318

■ 50.7116, 47.1389,
125.2146

■ 2.4110, 1.7784,
16.2511

■ 68.6613, 64.6025,
158.7368

■ 0.8506, 0.4737,
9.5458

■ 90.4138, 85.9209,
197.7641

■ 0.0000, 0.0000,
4.9972

■ 116.3344,
111.4782, 242.7151

■ 0.0000, 0.0000,
2.1869

146.7885,

■ 0.0000, 0.0000,

141.6590, 294.0083

0.6668

182.1414,
176.8477, 352.0622

■ 0.0000, 0.0000,
0.0000

■ 16.0253, 14.0318,
53.4935

■ 16.0253, 14.0318,
53.4935

■ 14.0167, 11.2684,
53.0663

■ 18.6542, 17.4116,
54.0076

■ 12.5636, 9.0739,
52.7193

■ 21.9551, 21.4471,
54.6126

■ 11.7403, 7.7200,
52.5014

■ 25.9759, 26.1754,
55.3133

■ 30.7593, 31.6301,
56.1141

■ 36.3445, 37.8423,
57.0188

■ 42.7680, 44.8413,
58.0312

■ 50.0638, 52.6548,
59.1548

■ 58.2641, 61.3089,
60.3930

■ 67.3994, 70.8286,
61.7490

Harmonies

Analogous

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



11.4698, 14.0318, 54.4979



16.0253, 14.0318, 53.4935



20.7295, 14.0318, 39.2952

Triad

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



16.0253, 14.0318, 53.4935



20.1803, 14.0318, 3.3680



6.5464, 14.0318, 10.3208

Complementary

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



16.0253, 14.0318, 53.4935



33.7630, 33.0509, 8.0910

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.



7.9510, 14.0318, 3.8183



16.0253, 14.0318, 53.4935



15.3961, 14.0318, 1.6073

Square

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



16.0253, 14.0318, 53.4935



23.4745, 14.0318, 9.1263



10.9672, 14.0318, 1.7058



6.6409, 14.0318, 23.7133

Rectangle

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



16.0253, 14.0318, 53.4935



23.0142, 14.0318, 27.2263



10.9672, 14.0318, 1.7058



6.8426, 14.0318, 7.4649

Sweetspot

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



16.0259, 14.0322, 53.4939



65.0528, 67.7313, 102.1146



26.3825, 41.9532, 34.7255



13.6078, 14.1282, 22.2598



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.



16.0259, 14.0322, 53.4939



23.4198, 17.6897, 94.6499



14.2716, 8.1782, 52.4564



9.7965, 10.2843, 12.7536



7.7003, 5.1570, 34.1462



0.3969, 0.3511, 1.4967

Inverse Universe

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



26.1744, 15.1809, 13.8628



43.4495, 22.8983, 15.7713



37.0854, 48.0112, 10.8036



10.2086, 10.1320, 11.1889



15.2827, 7.8028, 4.1348



0.6927, 0.3501, 0.3492

Previews

White Background



This preview shows how the XYZ color 16.0253, 14.0318, 53.4935 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 16.0253, 14.0318, 53.4935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

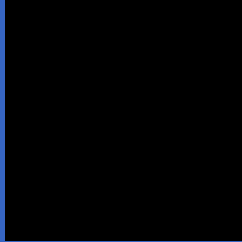
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.0253, 14.0318, 53.4935

Background



This preview shows how black text looks on a background with the XYZ color 16.0253, 14.0318, 53.4935.



This preview shows how white text looks on a background with the XYZ color 16.0253, 14.0318,

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

16.0253, 14.0318, 53.4935

Protanopia

16.0253, 14.0318, 53.4935

Deuteranopia

14.1237, 13.8959, 48.9515



Tritanopia

9.8835, 13.9460, 21.2397

Trichromacy



Original Color

16.0253, 14.0318, 53.4935

Protanomaly

16.0253, 14.0318, 53.4935

Deuteranomaly

14.5331, 13.7671, 50.6065

Tritanomaly

11.4780, 13.7196, 30.8974

Monochromacy



Original Color

16.0253, 14.0318, 53.4935

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

12.1752, 12.4110, 23.9442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0253, 14.0318, 53.4935 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(54, 101, 195)` looks like.

```
.text, #text, p{  
    color:rgb(54, 101, 195)  
}
```

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(54, 101, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 101, 195) }
```

Border

The CSS property to change the border of an element to XYZ 16.0253, 14.0318, 53.4935 is called "border". The border property can be set on classes, ids or directly on the HTML element.

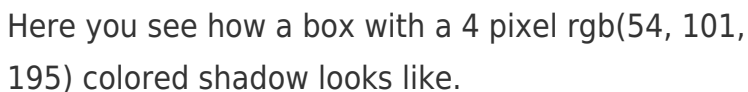
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(54, 101, 195) }
```


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

```
.border{ border-color:rgb(54, 101, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(54, 101, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 101, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 101, 195);  
box-shadow:4px 4px 4px 4px rgb(54, 101,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0253, 14.0318, 53.4935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 101, 195) }
```

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

```
.background{ background-color: rgb(54, 101,  
195) }
```

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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