

Converting Colors

XYZ(10.5956, 4.4200, 50.4751)

Have a look what the booklet for
XYZ(10.5956, 4.4200, 50.4751)
contains.

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Color

**XYZ(10.6653, 4.4507,
50.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	2B04C1
RGB	43, 4, 193
RGB Percent	17%, 2%, 76%
CMY	0.8313, 0.9844, 0.2431
CMYK	0.78, 0.98, 0.00, 0.24
HSL	252°, 96%, 39%
HSV	252°, 98%, 76%
XYZ	10.6653, 4.4507, 50.7490
YIQ	37.2070, -37.4250, 67.0470

Conversions

Conversions Part 2

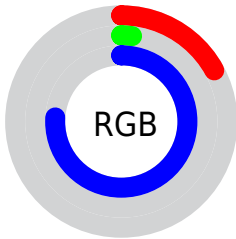
Format	Color
R _Y B	43, 4, 193
Decimal	2819265
CIE Lab	25.11, 63.97, -84.19
CIE LCh	25, 105.737, 307.230
Yxy	4.4507, 0.1619, 0.0676
Android (android.graphics.Color)	4281009345 (0xFF2B04C1)
YUV	37.2070, 76.8059, 5.0805
Hunter-Lab	21.0967, 53.3204, -127.8570

Details

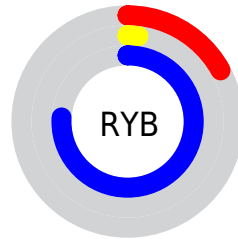
The XYZ color **10.6653, 4.4507, 50.7490** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **32.4143, 45.0167, 7.0953**, and the grayscale version is **1.7163, 1.8057, 1.9664**.

A 20% lighter version of the original color is **26.6969, 14.6434, 92.6862**, and **4.5874, 1.8350, 24.1572** is the 20% darker color. If you saturate the color by 10%, you get **10.4947, 4.2983, 50.7288**, and if you desaturate by 10%, it is **11.7018, 5.3840, 50.8747**.

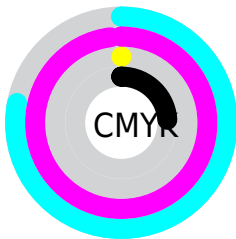
Distribution



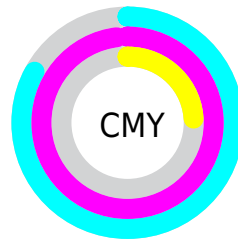
- Red (17%)
- Green (2%)
- Blue (76%)



- Red (17%)
- Yellow (2%)
- Blue (76%)



- Cyan (78%)
- Magenta (98%)
- Yellow (0%)
- Black (24%)



- Cyan (83%)
- Magenta (98%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6653, 4.4507, 50.7490 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 10.6653, 4.4507, 50.7490 by changing the saturation by 10% instead.

■ 10.6653, 4.4507,
50.7490

■ 10.6653, 4.4507,
50.7490

189.3128,
144.3846, 406.4065

■ 5.9079, 1.9287,
35.6336

■ 26.6780, 14.6196,
92.6913

■ 2.8293, 0.5656,
23.8639

■ 38.6641, 23.0354,
120.3553

■ 1.0641, 0.0000,
15.0214

■ 53.7903, 34.1845,
153.0392

■ 0.0000, 0.0000,
8.6876

■ 72.4222, 48.4514,
191.1616

■ 0.0000, 0.0000,
4.4440

■ 94.9250, 66.2204,
235.1410

■ 0.0000, 0.0000,
1.8719

■ 121.6642, 87.8761,

■ 0.0000, 0.0000,

285.3959

0.4748

 153.0050,
113.8027, 342.3449


 0.0000, 0.0000,
0.0000


 10.6653, 4.4507,
50.7490


 10.6653, 4.4507,
50.7490


 10.4947, 4.2983,
50.7288

 11.7018, 5.3840,
50.8747

 13.2713, 6.9900,
51.1020

 15.4581, 9.4053,
51.4529

 18.3229, 12.7228,
51.9423

 21.9188, 17.0226,
52.5827

■ 26.2932, 22.3757,
53.3854

■ 31.4895, 28.8464,
54.3605

■ 37.5478, 36.4941,
55.5173

■ 44.5055, 45.3735,
56.8645

Harmonies

Analogous

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



5.2567, 4.4507, 73.9151



10.6653, 4.4507, 50.7490



15.7599, 4.4507, 19.0200

Triad

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



10.6653, 4.4507, 50.7490



7.8904, 4.4507, 0.0000



0.0813, 4.4507, 8.1201

Complementary

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



10.6653, 4.4507, 50.7490



32.4143, 45.0167, 7.0953

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.



0.2620, 4.4507, 0.1655



10.6653, 4.4507, 50.7490



3.3470, 4.4507, 0.0000

Square

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



10.6653, 4.4507, 50.7490



13.5787, 4.4507, 0.0000



1.1036, 4.4507, 0.0000



0.5868, 4.4507, 33.3749

Rectangle

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



10.6653, 4.4507, 50.7490



17.1988, 4.4507, 5.9717



1.1036, 4.4507, 0.0000



0.0638, 4.4507, 3.8716

Sweetspot

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



10.6657, 4.4507, 50.7492



54.8840, 49.7674, 97.0737



21.4300, 27.3847, 54.6085



10.8975, 9.5827, 20.6606



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10.6657, 4.4507, 50.7492



18.6349, 7.6151, 90.8480



19.8706, 9.1960, 51.1799



9.7183, 9.8459, 12.6731



7.0347, 2.8870, 33.7431



0.3623, 0.1548, 1.4607

Inverse Universe

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



27.8667, 13.7565, 31.7491



49.6171, 24.3970, 55.7063



20.9975, 39.1312, 6.5610



10.4053, 10.2107, 12.2250



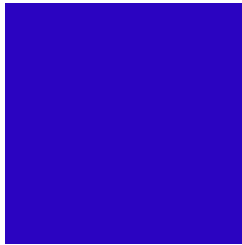
18.4899, 9.0857, 21.0235



0.8219, 0.4018, 1.0295

Previews

White Background



This preview shows how the XYZ color 10.6653, 4.4507, 50.7490 looks on a white background.

Color Contrast Check

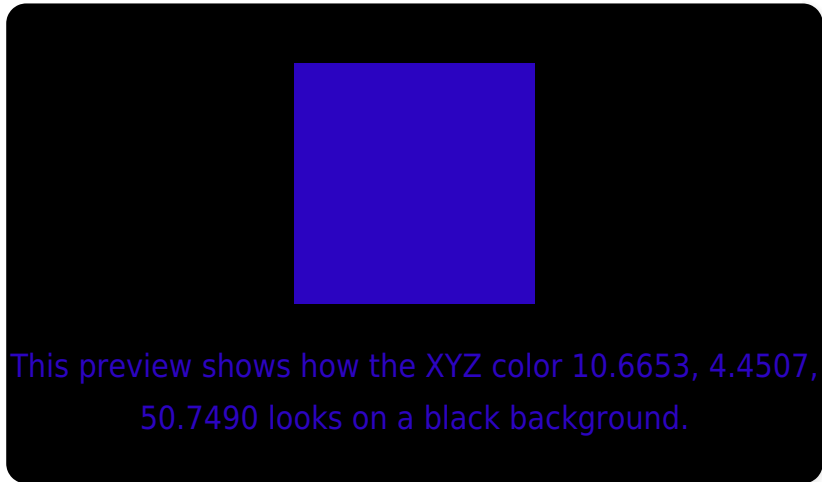
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

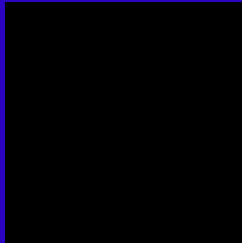
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.6653, 4.4507, 50.7490

Background



This preview shows how black text looks on a background with the XYZ color 10.6653, 4.4507, 50.7490.



This preview shows how white text looks on a background with the XYZ color 10.6653, 4.4507,

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

10.6653, 4.4507, 50.7490

Protanopia

5.2021, 4.5832, 19.6792

Deuteranopia

4.3273, 4.5749, 14.0196



Tritanopia

3.2368, 4.6021, 6.8486

Trichromacy



Original Color

10.6653, 4.4507, 50.7490

Protanomaly

6.3640, 3.7311, 28.8185

Deuteranomaly

5.5570, 3.5722, 24.0635

Tritanomaly

4.3045, 3.2479, 16.9230

Monochromacy



Original Color

10.6653, 4.4507, 50.7490

Achromatopsia

1.7584, 1.8500, 2.0147

Achromatomaly

3.2047, 1.9347, 10.7942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6653, 4.4507, 50.7490 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(43, 4, 193)` looks like.

```
.text, #text, p{  
    color:rgb(43, 4, 193)  
}
```

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(43, 4, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 4, 193) }
```

Border

The CSS property to change the border of an element to XYZ 10.6653, 4.4507, 50.7490 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(43, 4, 193) }
```


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

```
.border{ border-color:rgb(43, 4, 193) }
```

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

Here you see how a box with a 4 pixel rgb(43, 4, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 4, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 4, 193);  
box-shadow:4px 4px 4px 4px rgb(43, 4, 193)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.6653, 4.4507, 50.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 4, 193) }
```

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

```
.background{ background-color: rgb(43, 4,  
193) }
```

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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