

Converting Colors

XYZ(15.5365, 15.1280, 47.4485)

Have a look what the booklet for
XYZ(15.5365, 15.1280, 47.4485)
contains.

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Color

**XYZ(15.5365, 15.1280,
47.4485)**

Conversions

Conversions Part 1

Format	Color
Hex	346DB8
RGB	52, 109, 184
RGB Percent	20%, 43%, 72%
CMY	0.7960, 0.5725, 0.2784
CMYK	0.72, 0.41, 0.00, 0.28
HSL	214°, 56%, 46%
HSV	214°, 72%, 72%
XYZ	15.5365, 15.1280, 47.4485
YIQ	100.5070, -58.0470, 11.2410

Conversions

Conversions Part 2

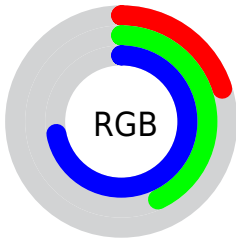
Format	Color
RYB	52, 92, 184
Decimal	3435960
CIELab	45.81, 6.97, -45.06
CIELCh	46, 45.598, 278.789
Yxy	15.1280, 0.1989, 0.1937
Android (android.graphics.Color)	4281626040 (0xFF346DB8)
YUV	100.5070, 41.1620, -42.5406
Hunter-Lab	38.8947, 3.2360, -45.1028

Details

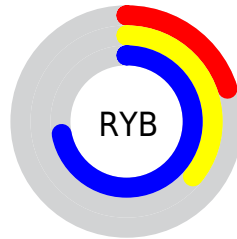
The XYZ color **15.5365, 15.1280, 47.4485** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **27.9777, 25.6192, 6.7202**, and the grayscale version is **12.1520, 12.7849, 13.9227**.

A 20% lighter version of the original color is **35.3874, 35.0699, 88.1231**, and **5.7519, 5.0570, 21.7920** is the 20% darker color. If you saturate the color by 10%, you get **13.7176, 12.6320, 47.0629**, and if you desaturate by 10%, it is **17.8584, 18.0805, 47.8964**.

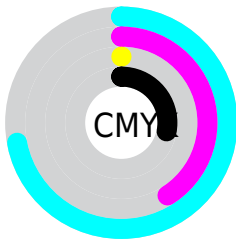
Distribution



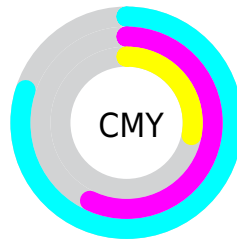
- Red (20%)
- Green (43%)
- Blue (72%)



- Red (20%)
- Yellow (36%)
- Blue (72%)



- Cyan (72%)
- Magenta (41%)
- Yellow (0%)
- Black (28%)



- Cyan (80%)
- Magenta (57%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5365, 15.1280, 47.4485 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 15.5365, 15.1280, 47.4485 by changing the saturation by 10% instead.

■ 15.5365, 15.1280,
47.4485

■ 15.5365, 15.1280,
47.4485

219.9155,
224.1397, 393.0474

■ 9.2855, 8.9093,
33.0335

■ 35.3556, 35.0776,
87.7397

■ 4.9865, 4.6820,
21.8808

■ 49.6545, 49.5772,
114.4529

■ 2.2740, 2.0619,
13.5718

■ 67.3667, 67.6059,
146.1026

■ 0.7813, 0.6431,
7.6881

■ 88.8577, 89.5481,
183.1074

■ 0.0000, 0.0000,
3.8112

■ 114.4927,
115.7882, 225.8857

■ 0.0000, 0.0000,
1.5223

144.6371,

■ 0.0000, 0.0000,

146.7106, 274.8561

0.2345

179.6562,
182.6996, 330.4372

■ 0.0000, 0.0000,
0.0000

■ 15.5365, 15.1280,
47.4485

■ 15.5365, 15.1280,
47.4485

■ 13.7176, 12.6320,
47.0629

■ 17.8584, 18.0805,
47.8964

■ 12.3494, 10.5584,
46.7348

■ 20.7241, 21.5167,
48.4086

■ 11.4803, 9.1177,
46.5025

■ 24.1720, 25.4628,
48.9885

■ 28.2362, 29.9424,
49.6390

■ 32.9481, 34.9773,
50.3624

■ 38.3367, 40.5880,
51.1614

■ 44.4292, 46.7938,
52.0381

■ 51.2513, 53.6132,
52.9948

■ 58.8272, 61.0636,
54.0336

Harmonies

Analogous

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



11.8696, 15.1280, 45.0913



15.5365, 15.1280, 47.4485



19.5173, 15.1280, 39.0602

Triad

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



15.5365, 15.1280, 47.4485



20.9351, 15.1280, 6.4594



8.5358, 15.1280, 9.9450

Complementary

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



15.5365, 15.1280, 47.4485



27.9777, 25.6192, 6.7202

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.



10.2319, 15.1280, 4.8766



15.5365, 15.1280, 47.4485



17.2187, 15.1280, 3.5777

Square

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



15.5365, 15.1280, 47.4485



22.9785, 15.1280, 13.4478



13.2799, 15.1280, 3.1666



8.2471, 15.1280, 19.9182

Rectangle

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



15.5365, 15.1280, 47.4485



21.6623, 15.1280, 30.0373



13.2799, 15.1280, 3.1666



8.9437, 15.1280, 7.7650

Sweetspot

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



15.5371, 15.1285, 47.4489



59.1503, 62.7969, 91.2081



22.3752, 36.5387, 25.8851



12.2366, 12.9920, 19.5844



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



15.5371, 15.1285, 47.4489



23.3583, 20.6650, 84.9622



11.7928, 6.9034, 46.0586



8.8315, 9.3402, 11.4168



7.9797, 6.4190, 32.0715



0.3430, 0.3497, 1.1512

Inverse Universe

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



23.7560, 13.7513, 15.8704



39.9410, 21.0110, 20.5477



35.4850, 43.6665, 9.8080



9.1613, 9.0749, 10.1967



14.6414, 7.4303, 5.9986



0.5473, 0.2744, 0.3755

Previews

White Background



This preview shows how the XYZ color 15.5365, 15.1280, 47.4485 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 15.5365, 15.1280, 47.4485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

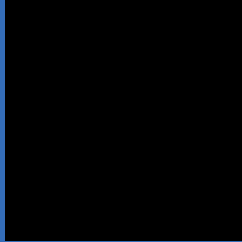
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5365, 15.1280, 47.4485

Background



This preview shows how black text looks on a background with the XYZ color 15.5365, 15.1280, 47.4485.



This preview shows how white text looks on a background with the XYZ color 15.5365, 15.1280,

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

15.5365, 15.1280, 47.4485

Protanopia

16.4526, 15.0171, 45.7475

Deuteranopia

15.5365, 15.1280, 47.4485



Tritanopia

10.6789, 15.0179, 23.1048

Trichromacy



Original Color

15.5365, 15.1280, 47.4485

Protanomaly

15.9814, 14.9144, 46.2924

Deuteranomaly

15.5365, 15.1280, 47.4485

Tritanomaly

11.9388, 14.7992, 30.6611

Monochromacy



Original Color

15.5365, 15.1280, 47.4485

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.6143, 13.3783, 23.3902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5365, 15.1280, 47.4485 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(52, 109, 184)` looks like.

```
.text, #text, p{  
    color:rgb(52, 109, 184)  
}
```

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(52, 109, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 109, 184) }
```

Border

The CSS property to change the border of an element to XYZ 15.5365, 15.1280, 47.4485 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(52, 109, 184) }
```


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

```
.border{ border-color:rgb(52, 109, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 109, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 109, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 109, 184);  
box-shadow:4px 4px 4px 4px rgb(52, 109,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5365, 15.1280, 47.4485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 109, 184) }
```

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

```
.background{ background-color: rgb(52, 109,  
184) }
```

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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