

Converting Colors

XYZ(11.2763, 10.0330, 16.1974)

Have a look what the booklet for
XYZ(11.2763, 10.0330, 16.1974)
contains.

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Color

**XYZ(11.2746, 10.0790,
16.1031)**

Conversions

Conversions Part 1

Format	Color
Hex	65536E
RGB	101, 83, 110
RGB Percent	40%, 33%, 43%
CMY	0.6039, 0.6745, 0.5686
CMYK	0.08, 0.25, 0.00, 0.57
HSL	280°, 14%, 38%
HSV	280°, 25%, 43%
XYZ	11.2746, 10.0790, 16.1031
YIQ	91.4600, 2.0610, 12.2130

Conversions

Conversions Part 2

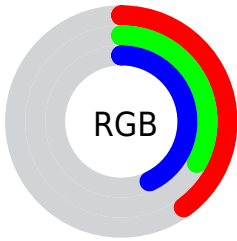
Format	Color
R_{YB}	101, 83, 110
Decimal	6640494
CIE _{Lab}	37.98, 12.98, -12.69
CIE _{LCh}	38, 18.156, 315.655
Yxy	10.0790, 0.3010, 0.2691
Android (android.graphics.Color)	4284830574 (0xFF65536E)
YUV	91.4600, 9.1402, 8.3666
Hunter-Lab	31.7474, 7.8334, -7.8502

Details

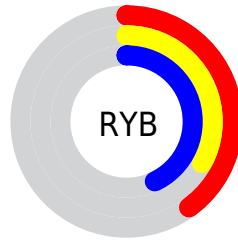
The XYZ color **11.2746, 10.0790, 16.1031** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11.5512, 14.0520, 10.2875**, and the grayscale version is **10.0285, 10.5507, 11.4898**.

A 20% lighter version of the original color is **27.8580, 26.0591, 37.7441**, and **3.0839, 2.5183, 4.8810** is the 20% darker color. If you saturate the color by 10%, you get **10.0975, 8.3206, 15.8259**, and if you desaturate by 10%, it is **12.6042, 12.1148, 16.4261**.

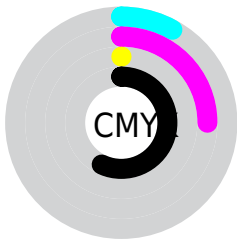
Distribution



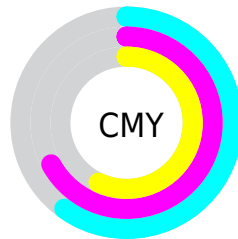
- Red (40%)
- Green (33%)
- Blue (43%)



- Red (40%)
- Yellow (33%)
- Blue (43%)



- Cyan (8%)
- Magenta (25%)
- Yellow (0%)
- Black (57%)



- Cyan (60%)
- Magenta (67%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2746, 10.0790, 16.1031 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 11.2746, 10.0790, 16.1031 by changing the saturation by 10% instead.

■ 11.2746, 10.0790,
16.1031

■ 11.2746, 10.0790,
16.1031

193.4115,
191.2350, 241.8158

■ 6.3205, 5.4514,
9.4420

■ 27.7953, 25.9440,
37.5464

■ 3.0834, 2.5145,
4.9299

■ 40.0926, 37.9501,
53.1656

■ 1.1980, 0.8839,
2.1481

■ 55.5684, 53.1846,
72.6080

■ 0.1048, 0.0000,
0.6442

■ 74.5880, 72.0317,
96.2921

■ 0.0000, 0.0000,
0.0000

■ 97.5168, 94.8759,
124.6363

124.7200,

122.1016, 158.0593

156.5632,
154.0931, 196.9796

■ 11.2746, 10.0790,
16.1031

■ 11.2746, 10.0790,
16.1031

■ 10.0975, 8.3206,
15.8259

■ 12.6042, 12.1148,
16.4261

■ 9.0655, 6.8257,
15.5917

■ 14.0914, 14.4386,
16.7963

■ 8.1718, 5.5809,
15.3986

■ 15.7424, 17.0620,
17.2156

■ 7.4088, 4.5713,
15.2439

■ 17.5626, 19.9955,
17.6859

■ 6.7679, 3.7803,
15.1250

■ 19.5571, 23.2491,
18.2088

6.2396, 3.1891,
15.0387

21.7309, 26.8325,
18.7859

5.8076, 2.7655,
14.9797

24.0887, 30.7549,
19.4187

5.5876, 2.5554,
14.9508

26.6352, 35.0249,
20.1087

29.3747, 39.6512,
20.8573

Harmonies

Analogous

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



10.1977, 10.0790, 18.3925



11.2746, 10.0790, 16.1031



11.9207, 10.0790, 12.6436

Triad

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



11.2746, 10.0790, 16.1031



10.1462, 10.0790, 5.8542



7.5787, 10.0790, 12.8001

Complementary

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



11.2746, 10.0790, 16.1031



11.5512, 14.0520, 10.2875

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.



7.5674, 10.0790, 9.4588



11.2746, 10.0790, 16.1031



8.9873, 10.0790, 5.8792

Square

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



11.2746, 10.0790, 16.1031



11.2342, 10.0790, 6.9924



8.0639, 10.0790, 7.0696



8.0963, 10.0790, 16.2376

Rectangle

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



11.2746, 10.0790, 16.1031



11.9891, 10.0790, 10.3536



8.0639, 10.0790, 7.0696



7.5171, 10.0790, 11.6194

Sweetspot

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



11.2749, 10.0794, 16.1033



24.0293, 24.2279, 29.3172



10.2093, 10.6195, 16.2637



5.5698, 5.6036, 6.8168



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.2749, 10.0794, 16.1033



18.6869, 16.0268, 28.0158



12.0995, 10.5321, 14.8952



3.4116, 3.4005, 4.2308



6.6810, 3.0536, 17.9589



32.3392, 14.7258, 89.4170

Inverse Universe

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



11.4557, 10.2746, 11.5050



19.0901, 16.4469, 18.4460



10.8844, 13.6875, 11.1930



3.4261, 3.4182, 3.7707



8.1071, 4.1352, 2.3738



40.0214, 20.4539, 9.9110

Previews

White Background



This preview shows how the XYZ color 11.2746, 10.0790, 16.1031 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 11.2746, 10.0790, 16.1031 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 11.2746, 10.0790, 16.1031

Background



This preview shows how black text looks on a background with the XYZ color 11.2746, 10.0790, 16.1031.



This preview shows how white text looks on a background with the XYZ color 11.2746, 10.0790,

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

11.2746, 10.0790, 16.1031

Protanopia

10.1769, 10.1987, 17.3517

Deuteranopia

10.2745, 10.1583, 15.8872



Tritanopia

10.3406, 10.0426, 11.7493

Trichromacy



Original Color

11.2746, 10.0790, 16.1031

Protanomaly

10.6053, 10.1823, 17.0292

Deuteranomaly

10.6023, 10.0869, 15.8562

Tritanomaly

10.6462, 10.0505, 13.1832

Monochromacy



Original Color

11.2746, 10.0790, 16.1031

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.4136, 10.2942, 12.9934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2746, 10.0790, 16.1031 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(101, 83, 110)` looks like.

```
.text, #text, p{  
    color:rgb(101, 83, 110)  
}
```

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(101, 83, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 83, 110) }
```

Border

The CSS property to change the border of an element to XYZ 11.2746, 10.0790, 16.1031 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(101, 83, 110) }
```


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

```
.border{ border-color:rgb(101, 83, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 83, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 83, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 83, 110); box-shadow:4px 4px 4px 4px rgb(101, 83, 110) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2746, 10.0790, 16.1031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 83, 110) }
```

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

```
.background{ background-color: rgb(101, 83,  
110) }
```

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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