

Converting Colors

XYZ(15.2110, 11.9961, 59.2714)

Have a look what the booklet for
XYZ(15.2110, 11.9961, 59.2714)
contains.

XYZ(15.2110, 11.9961, 59.2714)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**XYZ(15.2110, 11.9961,
59.2714)**

Conversions

Conversions Part 1

Format	Color
Hex	1E5ACD
RGB	30, 90, 205
RGB Percent	12%, 35%, 80%
CMY	0.8823, 0.6471, 0.1961
CMYK	0.85, 0.56, 0.00, 0.20
HSL	219°, 74%, 46%
HSV	219°, 85%, 80%
XYZ	15.2110, 11.9961, 59.2714
YIQ	85.1700, -72.6750, 23.0450

Conversions

Conversions Part 2

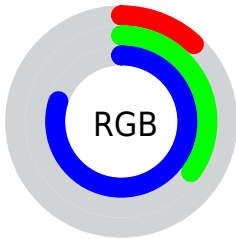
Format	Color
RYB	30, 75, 205
Decimal	1989325
CIELab	41.21, 24.87, -64.66
CIElCh	41, 69.281, 291.035
Yxy	11.9961, 0.1759, 0.1387
Android (android.graphics.Color)	4280179405 (0xFF1E5ACD)
YUV	85.1700, 59.0762, -48.3841
Hunter-Lab	34.6354, 17.7808, -77.2180

Details

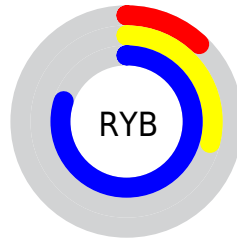
The XYZ color **15.2110, 11.9961, 59.2714** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **35.5400, 33.3299, 5.7897**, and the grayscale version is **8.5626, 9.0085, 9.8103**.

A 20% lighter version of the original color is **33.4670, 28.8734, 98.4170**, and **6.4820, 4.1560, 29.3147** is the 20% darker color. If you saturate the color by 10%, you get **13.7595, 9.7110, 58.9072**, and if you desaturate by 10%, it is **17.2580, 14.8940, 59.7232**.

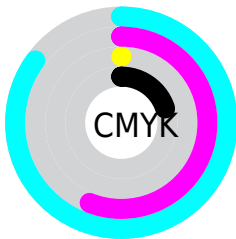
Distribution



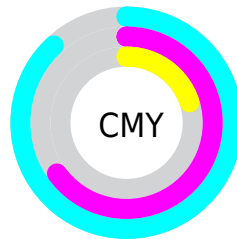
- Red (12%)
- Green (35%)
- Blue (80%)



- Red (12%)
- Yellow (29%)
- Blue (80%)



- Cyan (85%)
- Magenta (56%)
- Yellow (0%)
- Black (20%)



- Cyan (88%)
- Magenta (65%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2110, 11.9961, 59.2714 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 15.2110, 11.9961, 59.2714 by changing the saturation by 10% instead.

■ 15.2110, 11.9961,
59.2714

■ 15.2110, 11.9961,
59.2714

218.0030,
204.3795, 439.6368

■ 9.0549, 6.7410,
42.4102

■ 34.7915, 29.4880,
105.3050

■ 4.8344, 3.3007,
29.0946

■ 48.9467, 42.4936,
135.3145

■ 2.1842, 1.2906,
18.9062

■ 66.4989, 58.8515,
170.5438

■ 0.7344, 0.1339,
11.4264

■ 87.8134, 78.9462,
211.4115

■ 0.0000, 0.0000,
6.2367

■ 113.2558,
103.1619, 258.3361

■ 0.0000, 0.0000,
2.9184

143.1913,

■ 0.0000, 0.0000,

131.8830, 311.7361

1.0531

177.9852,
165.4941, 372.0302

■ 0.0000, 0.0000,
0.0000

■ 15.2110, 11.9961,
59.2714

■ 15.2110, 11.9961,
59.2714

■ 13.7595, 9.7110,
58.9072

■ 17.2580, 14.8940,
59.7232

■ 13.2266, 8.8221,
58.7637

■ 19.9744, 18.4580,
60.2679

■ 23.4237, 22.7353,
60.9117

■ 27.6609, 27.7675,
61.6597

■ 32.7354, 33.5928,
62.5167

■ 38.6923, 40.2465,
63.4870

■ 45.5732, 47.7615,
64.5749

■ 53.4172, 56.1690,
65.7843

■ 62.2609, 65.4983,
67.1189

Harmonies

Analogous

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



9.9690, 11.9961, 63.4726



15.2110, 11.9961, 59.2714



20.6253, 11.9961, 39.1392

Triad

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



15.2110, 11.9961, 59.2714



18.5758, 11.9961, 1.2213



4.2999, 11.9961, 9.2252

Complementary

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



15.2110, 11.9961, 59.2714



35.5400, 33.3299, 5.7897

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.



5.4431, 11.9961, 2.2732



15.2110, 11.9961, 59.2714



12.9660, 11.9961, 0.1829

Square

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



15.2110, 11.9961, 59.2714



22.9294, 11.9961, 5.4639



8.2886, 11.9961, 0.4466



4.5787, 11.9961, 25.6408

Rectangle

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



15.2110, 11.9961, 59.2714



23.1192, 11.9961, 24.2033



8.2886, 11.9961, 0.4466



4.5144, 11.9961, 6.0035

Sweetspot

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



15.2116, 11.9964, 59.2717



62.3623, 64.8012, 103.8288



27.3829, 45.9454, 33.7134



12.5903, 13.0282, 22.1011



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.



15.2116, 11.9964, 59.2717



21.4915, 14.1029, 96.1972



13.1301, 6.1858, 58.2599



10.9109, 11.4623, 14.2077



8.3141, 5.6521, 36.6090



0.4993, 0.4323, 1.9121

Inverse Universe

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



27.4872, 14.6469, 11.0512



42.9771, 21.9548, 11.0774



40.5995, 53.3111, 9.3798



11.3684, 11.2761, 12.4746



16.4075, 8.3736, 4.5984



0.8819, 0.4462, 0.4242

Previews

White Background



This preview shows how the XYZ color 15.2110, 11.9961, 59.2714 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 15.2110, 11.9961, 59.2714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

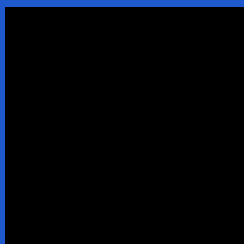
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.2110, 11.9961, 59.2714

Background



This preview shows how black text looks on a background with the XYZ color 15.2110, 11.9961, 59.2714.



This preview shows how white text looks on a background with the XYZ color 15.2110, 11.9961,

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

15.2110, 11.9961, 59.2714

Protanopia

14.1074, 11.9059, 54.9806

Deuteranopia

11.7175, 11.8260, 39.6953

Trichromacy



Original Color

15.2110, 11.9961, 59.2714

Protanomaly

14.5078, 11.9425, 56.7988

Deuteranomaly

12.8681, 11.8558, 46.4099

Monochromacy



Original Color

15.2110, 11.9961, 59.2714

Achromatopsia

8.6345, 9.0842, 9.8927

Achromatomaly

9.5506, 9.5252, 22.1041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2110, 11.9961, 59.2714 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(30, 90, 205)` looks like.

```
.text, #text, p{  
    color:rgb(30, 90, 205)  
}
```

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(30, 90, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 90, 205) }
```

Border

The CSS property to change the border of an element to XYZ 15.2110, 11.9961, 59.2714 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(30, 90, 205) }
```

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

```
.border{ border-color:rgb(30, 90, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 90, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 90, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 90, 205);  
box-shadow:4px 4px 4px 4px rgb(30, 90,  
205) }
```


Background

The CSS property to change the background color of an element to XYZ 15.2110, 11.9961, 59.2714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 90, 205) }
```

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

```
.background{ background-color: rgb(30, 90,  
205) }
```

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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