

Converting Colors

XYZ(11.3413, 12.8485, 24.4365)

Have a look what the booklet for
XYZ(11.3413, 12.8485, 24.4365)
contains.

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Color

**XYZ(11.3413, 12.8485,
24.4365)**

Conversions

Conversions Part 1

Format	Color
Hex	3E6986
RGB	62, 105, 134
RGB Percent	24%, 41%, 53%
CMY	0.7568, 0.5882, 0.4745
CMYK	0.54, 0.22, 0.00, 0.47
HSL	204°, 37%, 38%
HSV	204°, 54%, 53%
XYZ	11.3413, 12.8485, 24.4365
YIQ	95.4490, -34.9370, -0.0970

Conversions

Conversions Part 2

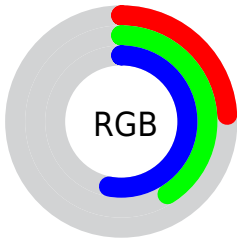
Format	Color
R_{YB}	62, 89, 134
Decimal	4090246
CIE Lab	42.53, -6.15, -20.62
CIE LCh	43, 21.517, 253.404
Yxy	12.8485, 0.2332, 0.2642
Android (android.graphics.Color)	4282280326 (0xFF3E6986)
YUV	95.4490, 19.0056, -29.3348
Hunter-Lab	35.8448, -6.2510, -15.3284

Details

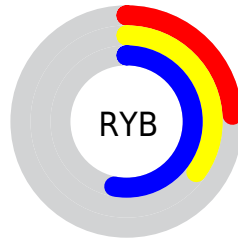
The XYZ color **11.3413, 12.8485, 24.4365** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **14.4426, 12.8990, 6.2866**, and the grayscale version is **10.9472, 11.5173, 12.5423**.

A 20% lighter version of the original color is **27.9283, 31.0096, 51.5272**, and **3.1133, 3.6662, 8.9311** is the 20% darker color. If you saturate the color by 10%, you get **10.0700, 11.4030, 24.2247**, and if you desaturate by 10%, it is **12.8556, 14.4716, 24.6702**.

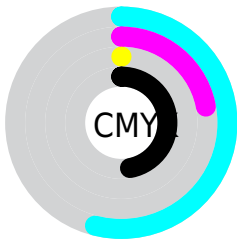
Distribution



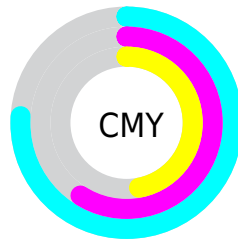
- Red (24%)
- Green (41%)
- Blue (53%)



- Red (24%)
- Yellow (35%)
- Blue (53%)



- Cyan (54%)
- Magenta (22%)
- Yellow (0%)
- Black (47%)



- Cyan (76%)
- Magenta (59%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3413, 12.8485, 24.4365 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 11.3413, 12.8485, 24.4365 by changing the saturation by 10% instead.

■ 11.3413, 12.8485,
24.4365

■ 11.3413, 12.8485,
24.4365

193.8547,
209.9444, 288.3772

■ 6.3659, 7.3243,
15.4425

■ 27.9170, 31.0313,
51.6943

■ 3.1116, 3.6657,
8.9805

■ 40.2479, 44.4588,
70.7952

■ 1.2130, 1.4884,
4.6318

■ 55.7614, 61.2894,
94.1022

■ 0.1166, 0.2805,
1.9780

■ 74.8228, 81.9076,
122.0338

■ 0.0000, 0.0000,
0.5417

■ 97.7975, 106.6979,
155.0086

■ 0.0000, 0.0000,
0.0000

125.0508,

136.0445, 193.4451

156.9481,
170.3319, 237.7618

■ 11.3413, 12.8485,
24.4365

■ 11.3413, 12.8485,
24.4365

■ 10.0700, 11.4030,
24.2247

■ 12.8556, 14.4716,
24.6702

■ 9.0243, 10.1244,
24.0331

■ 14.6261, 16.2793,
24.9258

■ 8.1862, 9.0027,
23.8607

■ 16.6668, 18.2799,
25.2044

■ 7.5332, 8.0252,
23.7065

■ 18.9898, 20.4805,
25.5067

■ 7.1737, 7.4625,
23.6168

■ 21.6068, 22.8881,
25.8335

■ 24.5286, 25.5091,
26.1854

■ 27.7656, 28.3496,
26.5631

■ 31.3276, 31.4154,
26.9671

■ 35.2238, 34.7123,
27.3981

Harmonies

Analogous

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



10.0799, 12.8485, 21.0831



11.3413, 12.8485, 24.4365



12.9508, 12.8485, 24.6241

Triad

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



11.3413, 12.8485, 24.4365



15.5105, 12.8485, 12.0163



10.1886, 12.8485, 8.4439

Complementary

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



11.3413, 12.8485, 24.4365



14.4426, 12.8990, 6.2866

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.



11.5020, 12.8485, 6.9660



11.3413, 12.8485, 24.4365



14.6256, 12.8485, 8.6981

Square

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



11.3413, 12.8485, 24.4365



15.4577, 12.8485, 16.7043



13.1264, 12.8485, 7.0474



9.4559, 12.8485, 11.5866

Rectangle

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



11.3413, 12.8485, 24.4365



14.0142, 12.8485, 22.8680



13.1264, 12.8485, 7.0474



10.5715, 12.8485, 7.7706

Sweetspot

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



11.3417, 12.8490, 24.4368



32.3346, 35.0322, 44.7961



12.3919, 18.8266, 12.8338



7.1237, 7.7406, 10.0713



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.3417, 12.8490, 24.4368



17.4057, 19.6922, 42.6220



8.4307, 7.0269, 23.4665



4.6484, 4.9725, 5.9155



6.7334, 7.0147, 22.1358



0.0305, 0.0386, 0.0791

Inverse Universe

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



14.1044, 9.5341, 14.4619



23.0105, 13.9985, 22.1537



18.2649, 20.5436, 7.5607



4.7806, 4.7319, 5.4568



10.5768, 5.2951, 7.6100



0.0403, 0.0198, 0.0454

Previews

White Background



This preview shows how the XYZ color 11.3413, 12.8485, 24.4365 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 11.3413, 12.8485, 24.4365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

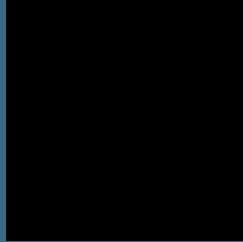
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

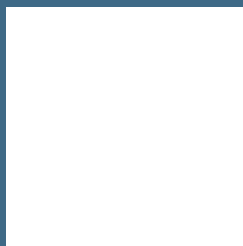
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.3413, 12.8485, 24.4365

Background



This preview shows how black text looks on a background with the XYZ color 11.3413, 12.8485, 24.4365.



This preview shows how white text looks on a background with the XYZ color 11.3413, 12.8485,

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

11.3413, 12.8485, 24.4365

Protanopia

12.8379, 12.7840, 22.5598

Deuteranopia

13.0515, 12.8466, 24.7134



Tritanopia

10.2043, 12.8502, 18.7721

Trichromacy



Original Color

11.3413, 12.8485, 24.4365

Protanomaly

12.1438, 12.6954, 23.2831

Deuteranomaly

12.3351, 12.7621, 24.7349

Tritanomaly

10.5778, 12.8450, 20.6607

Monochromacy



Original Color

11.3413, 12.8485, 24.4365

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.7894, 11.8668, 16.1899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3413, 12.8485, 24.4365 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(62, 105, 134)` looks like.

```
.text, #text, p{  
    color:rgb(62, 105, 134)  
}
```

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(62, 105, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 105, 134) }
```

Border

The CSS property to change the border of an element to XYZ 11.3413, 12.8485, 24.4365 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(62, 105, 134) }
```


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

```
.border{ border-color:rgb(62, 105, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 105, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 105, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 105, 134);  
box-shadow:4px 4px 4px 4px rgb(62, 105,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3413, 12.8485, 24.4365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 105, 134) }
```

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

```
.background{ background-color: rgb(62, 105,  
134) }
```

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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