

Converting Colors

XYZ(13.6085, 14.5952, 26.5260)

Have a look what the booklet for
XYZ(13.6085, 14.5952, 26.5260)
contains.

XYZ(13.6085, 14.5952, 26.5260)	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>	31

Color

**XYZ(13.6085, 14.5952,
26.5260)**

Conversions

Conversions Part 1

Format	Color
Hex	526D8B
RGB	82, 109, 139
RGB Percent	32%, 43%, 55%
CMY	0.6784, 0.5725, 0.4549
CMYK	0.41, 0.22, 0.00, 0.45
HSL	212°, 26%, 43%
HSV	212°, 41%, 55%
XYZ	13.6085, 14.5952, 26.5260
YIQ	104.3470, -25.7220, 3.6060

Conversions

Conversions Part 2

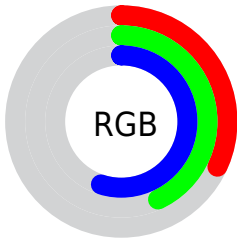
Format	Color
R_{YB}	82, 100, 139
Decimal	5401995
CIE _{Lab}	45.07, -1.68, -19.61
CIE _{LCh}	45, 19.682, 265.105
Yxy	14.5952, 0.2486, 0.2667
Android (android.graphics.Color)	4283592075 (0xFF526D8B)
YUV	104.3470, 17.0839, -19.5983
Hunter-Lab	38.2037, -3.2731, -14.4243

Details

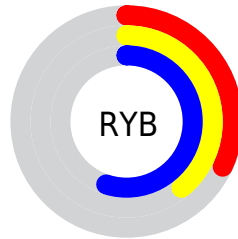
The XYZ color **13.6085, 14.5952, 26.5260** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **17.9649, 17.6868, 10.4501**, and the grayscale version is **13.2120, 13.9001, 15.1372**.

A 20% lighter version of the original color is **32.0280, 34.0602, 55.3383**, and **4.1215, 4.4736, 10.0975** is the 20% darker color. If you saturate the color by 10%, you get **11.7719, 12.5379, 26.2260**, and if you desaturate by 10%, it is **15.7559, 16.9098, 26.8598**.

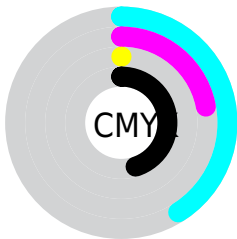
Distribution



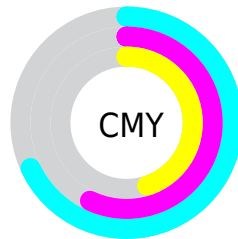
- Red (32%)
- Green (43%)
- Blue (55%)



- Red (32%)
- Yellow (39%)
- Blue (55%)



- Cyan (41%)
- Magenta (22%)
- Yellow (0%)
- Black (45%)



- Cyan (68%)
- Magenta (57%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6085, 14.5952, 26.5260 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 13.6085, 14.5952, 26.5260 by changing the saturation by 10% instead.

■ 13.6085, 14.5952,
26.5260

■ 13.6085, 14.5952,
26.5260

208.3412,
220.9028, 299.0419

■ 7.9288, 8.5358,
16.9883

■ 31.9848, 34.1415,
55.1168

■ 4.1008, 4.4397,
10.0643

■ 45.4121, 48.3971,
75.0069

■ 1.7593, 1.9224,
5.3354

■ 62.1527, 66.1536,
99.1849

■ 0.4930, 0.5618,
2.3832

■ 82.5718, 87.7953,
128.0693

■ 0.0000, 0.0000,
0.7773

■ 107.0349,
113.7067, 162.0787

■ 0.0000, 0.0000,
0.0000

135.9072,

144.2722, 201.6315

169.5542,
179.8761, 247.1464

■ 13.6085, 14.5952,
26.5260

■ 13.6085, 14.5952,
26.5260

■ 11.7719, 12.5379,
26.2260

■ 15.7559, 16.9098,
26.8598

■ 10.2282, 10.7255,
25.9575

■ 18.2279, 19.4900,
27.2276

■ 8.9598, 9.1466,
25.7196

■ 21.0390, 22.3460,
27.6307

■ 7.9462, 7.7883,
25.5108

■ 24.2024, 25.4866,
28.0702

■ 7.1638, 6.6356,
25.3296

■ 27.7306, 28.9203,
28.5470

■ 6.5993, 5.7423,
25.1869

■ 31.6354, 32.6552,
29.0621

■ 35.9283, 36.6991,
29.6164

■ 40.6199, 41.0594,
30.2107

■ 45.7206, 45.7433,
30.8460

Harmonies

Analogous

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



12.1674, 14.5952, 24.3780



13.6085, 14.5952, 26.5260



15.2347, 14.5952, 25.4034

Triad

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



13.6085, 14.5952, 26.5260



16.8848, 14.5952, 12.4029



11.4736, 14.5952, 11.3197

Complementary

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



13.6085, 14.5952, 26.5260



17.9649, 17.6868, 10.4501

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.



12.5936, 14.5952, 9.1113



13.6085, 14.5952, 26.5260



15.7295, 14.5952, 9.6462

Square

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



13.6085, 14.5952, 26.5260



17.2090, 14.5952, 16.6642



14.1395, 14.5952, 8.5641



10.9974, 14.5952, 15.1434

Rectangle

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



13.6085, 14.5952, 26.5260



16.1952, 14.5952, 23.0472



14.1395, 14.5952, 8.5641



11.7829, 14.5952, 10.3956

Sweetspot

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



13.6090, 14.5958, 26.5263



37.0108, 39.3478, 49.3872



15.6068, 21.4170, 18.4809



8.3945, 8.9319, 11.3610



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



13.6090, 14.5958, 26.5263



21.3677, 22.7805, 47.0138



11.2408, 9.7359, 25.7131



4.9573, 5.2575, 6.3594



5.9731, 5.2166, 22.7378



0.0542, 0.0636, 0.1559

Inverse Universe

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



16.4255, 12.6281, 16.0403



27.2522, 19.2736, 24.9696



21.2454, 24.4823, 11.5889



5.1250, 5.0855, 5.7470



10.5018, 5.3108, 5.1467



0.0771, 0.0382, 0.0727

Previews

White Background



This preview shows how the XYZ color 13.6085, 14.5952, 26.5260 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 13.6085, 14.5952, 26.5260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

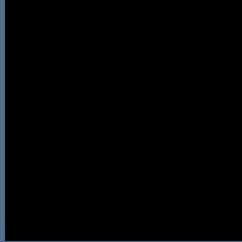
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

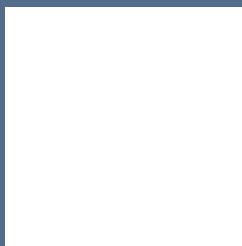
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.6085, 14.5952, 26.5260

Background



This preview shows how black text looks on a background with the XYZ color 13.6085, 14.5952, 26.5260.

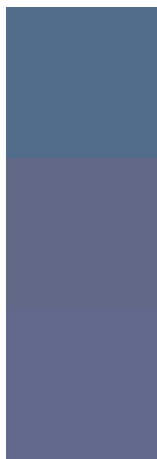


This preview shows how white text looks on a background with the XYZ color 13.6085, 14.5952,

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

13.6085, 14.5952, 26.5260

Protanopia

14.5325, 14.4774, 25.3210

Deuteranopia

14.8222, 14.5933, 26.8465



Tritanopia

12.3059, 14.5466, 20.2483

Trichromacy



Original Color

13.6085, 14.5952, 26.5260

Protanomaly

14.0830, 14.3895, 25.7021

Deuteranomaly

14.3013, 14.4768, 26.8515

Tritanomaly

12.8052, 14.5897, 22.5633

Monochromacy



Original Color

13.6085, 14.5952, 26.5260

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.1888, 14.0792, 18.8521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6085, 14.5952, 26.5260 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(82, 109, 139)` looks like.

```
.text, #text, p{  
  color:rgb(82, 109, 139)  
}
```

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(82, 109, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 109, 139) }
```

Border

The CSS property to change the border of an element to XYZ 13.6085, 14.5952, 26.5260 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(82, 109, 139) }
```


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

```
.border{ border-color:rgb(82, 109, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 109, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 109, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 109, 139);  
box-shadow:4px 4px 4px 4px rgb(82, 109,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6085, 14.5952, 26.5260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 109, 139) }
```

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

```
.background{ background-color: rgb(82, 109,  
139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor