

Converting Colors

XYZ(13.5591, 14.0161, 35.2487)

Have a look what the booklet for
XYZ(13.5591, 14.0161, 35.2487)
contains.

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Color

**XYZ(13.5895, 14.0776,
35.2587)**

Conversions

Conversions Part 1

Format	Color
Hex	3E6BA0
RGB	62, 107, 160
RGB Percent	24%, 42%, 63%
CMY	0.7568, 0.5804, 0.3725
CMYK	0.61, 0.33, 0.00, 0.37
HSL	212°, 44%, 44%
HSV	212°, 61%, 63%
XYZ	13.5895, 14.0776, 35.2587
YIQ	99.5870, -43.8330, 6.9430

Conversions

Conversions Part 2

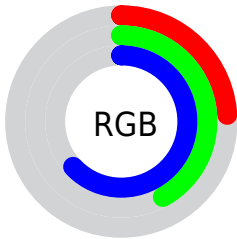
Format	Color
R _{YB}	62, 93, 160
Decimal	4090784
CIE Lab	44.34, 1.35, -33.30
CIE LCh	44, 33.326, 272.319
Yxy	14.0776, 0.2160, 0.2237
Android (android.graphics.Color)	4282280864 (0xFF3E6BA0)
YUV	99.5870, 29.7836, -32.9638
Hunter-Lab	37.5201, -1.0089, -29.4524

Details

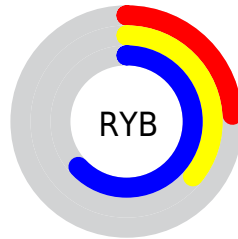
The XYZ color **13.5895, 14.0776, 35.2587** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **21.4983, 20.0841, 7.3018**, and the grayscale version is **11.9435, 12.5655, 13.6838**.

A 20% lighter version of the original color is **31.9638, 33.2116, 69.0158**, and **4.3226, 4.3144, 14.7923** is the 20% darker color. If you saturate the color by 10%, you get **11.8725, 11.9197, 34.9330**, and if you desaturate by 10%, it is **15.6933, 16.5694, 35.6291**.

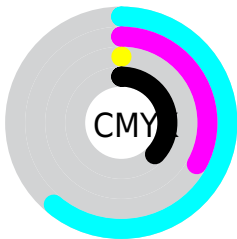
Distribution



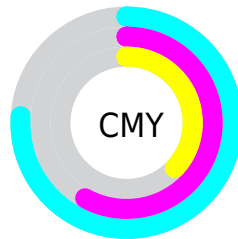
- Red (24%)
- Green (42%)
- Blue (63%)



- Red (24%)
- Yellow (36%)
- Blue (63%)



- Cyan (61%)
- Magenta (33%)
- Yellow (0%)
- Black (37%)



- Cyan (76%)
- Magenta (58%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5895, 14.0776, 35.2587 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 13.5895, 14.0776, 35.2587 by changing the saturation by 10% instead.

■ 13.5895, 14.0776,
35.2587

■ 13.5895, 14.0776,
35.2587

208.2240,
217.7130, 340.6476

■ 7.9155, 8.1747,
23.5771

■ 31.9512, 33.2267,
69.0425

■ 4.0923, 4.2069,
14.8109

■ 45.3697, 47.2416,
91.9817

■ 1.7545, 1.7900,
8.5416

■ 62.1004, 64.7292,
119.5105

■ 0.4900, 0.4809,
4.3507

■ 82.5086, 86.0741,
152.0475

■ 0.0000, 0.0000,
1.8197

■ 106.9597,
111.6605, 190.0111

■ 0.0000, 0.0000,
0.4409

135.8191,

■ 0.0000, 0.0000,

141.8729, 233.8200

0.0000

169.4521,
177.0956, 283.8927

■ 13.5895, 14.0776,
35.2587

■ 13.5895, 14.0776,
35.2587

■ 11.8725, 11.9197,
34.9330

■ 15.6933, 16.5694,
35.6291

■ 10.5113, 10.0751,
34.6487

■ 18.2083, 19.4108,
36.0450

■ 9.4719, 8.5225,
34.4038

■ 21.1586, 22.6180,
36.5085

■ 8.7585, 7.3647,
34.2179

■ 24.5661, 26.2058,
37.0214

■ 28.4508, 30.1879,
37.5853

■ 32.8317, 34.5772,
38.2016

■ 37.7265, 39.3862,
38.8719

■ 43.1522, 44.6265,
39.5974

■ 49.1249, 50.3094,
40.3795

Harmonies

Analogous

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



11.1305, 14.0776, 32.4217



13.5895, 14.0776, 35.2587



16.3227, 14.0776, 31.4496

Triad

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



13.5895, 14.0776, 35.2587



18.2144, 14.0776, 8.7248



9.3231, 14.0776, 9.4531

Complementary

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



13.5895, 14.0776, 35.2587



21.4983, 20.0841, 7.3018

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.



10.8147, 14.0776, 5.9458



13.5895, 14.0776, 35.2587



15.9146, 14.0776, 5.6345

Square

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



13.5895, 14.0776, 35.2587



19.2053, 14.0776, 14.7399



13.1733, 14.0776, 4.8184



8.8712, 14.0776, 15.9318

Rectangle

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



13.5895, 14.0776, 35.2587



17.8775, 14.0776, 26.2099



13.1733, 14.0776, 4.8184



9.7087, 14.0776, 7.9722

Sweetspot

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



13.5900, 14.0781, 35.2591



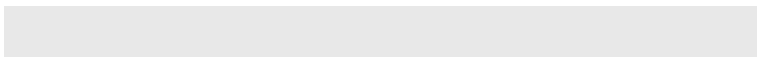
46.5590, 49.6034, 67.5070



17.6105, 27.3872, 20.3583



9.8040, 10.4578, 14.7455



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



13.5900, 14.0781, 35.2591



20.7083, 20.5239, 63.2566



10.2662, 7.1171, 34.0906



6.5231, 6.9120, 8.3970



6.8659, 5.8233, 26.6694



0.1646, 0.1879, 0.4908

Inverse Universe

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



18.8742, 11.9811, 15.2281



31.5604, 17.9632, 21.7274



27.2934, 32.6311, 9.4182



6.7534, 6.6943, 7.5524



12.2638, 6.2101, 5.6401



0.2404, 0.1195, 0.2121

Previews

White Background



This preview shows how the XYZ color 13.5895, 14.0776, 35.2587 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 13.5895, 14.0776, 35.2587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

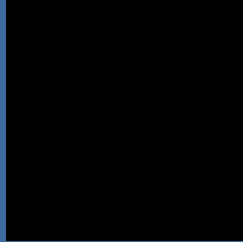
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.5895, 14.0776, 35.2587

Background



This preview shows how black text looks on a background with the XYZ color 13.5895, 14.0776, 35.2587.

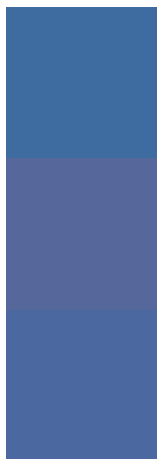


This preview shows how white text looks on a background with the XYZ color 13.5895, 14.0776,

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

13.5895, 14.0776, 35.2587

Protanopia

14.6887, 14.0792, 33.3959

Deuteranopia

14.3638, 14.0103, 35.6654



Tritanopia

10.6747, 14.0226, 20.8829

Trichromacy



Original Color

13.5895, 14.0776, 35.2587

Protanomaly

14.0967, 13.9127, 33.8407

Deuteranomaly

14.0831, 14.0160, 35.6813

Tritanomaly

11.4936, 13.8503, 25.3601

Monochromacy



Original Color

13.5895, 14.0776, 35.2587

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

12.2009, 13.0841, 20.2948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5895, 14.0776, 35.2587 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, 107, 160)` looks like.

```
.text, #text, p{  
    color:rgb(62, 107, 160)  
}
```

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, 107, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 107, 160) }
```

Border

The CSS property to change the border of an element to XYZ 13.5895, 14.0776, 35.2587 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, 107, 160) }
```


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

```
.border{ border-color:rgb(62, 107, 160) }
```

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

Here you see how a box with a 4 pixel rgb(62, 107, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 107, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 107, 160);  
box-shadow:4px 4px 4px 4px rgb(62, 107,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5895, 14.0776, 35.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 107, 160) }
```

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

```
.background{ background-color: rgb(62, 107,  
160) }
```

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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