

Converting Colors

XYZ(17.2156, 14.3484, 40.9609)

Have a look what the booklet for
XYZ(17.2156, 14.3484, 40.9609)
contains.

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Color

**XYZ(17.2006, 14.3527,
40.8935)**

Conversions

Conversions Part 1

Format	Color
Hex	6661AC
RGB	102, 97, 172
RGB Percent	40%, 38%, 67%
CMY	0.6000, 0.6196, 0.3255
CMYK	0.41, 0.44, 0.00, 0.33
HSL	244°, 31%, 53%
HSV	244°, 44%, 67%
XYZ	17.2006, 14.3527, 40.8935
YIQ	107.0450, -21.0950, 24.3850

Conversions

Conversions Part 2

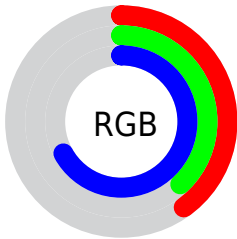
Format	Color
R_{YB}	102, 97, 172
Decimal	6709676
CIE _{Lab}	44.73, 21.03, -39.58
CIE _{LCh}	45, 44.823, 297.981
Yxy	14.3527, 0.2374, 0.1981
Android (android.graphics.Color)	4284899756 (0xFF6661AC)
YUV	107.0450, 32.0228, -4.4245
Hunter-Lab	37.8850, 14.7442, -37.4789

Details

The XYZ color **17.2006, 14.3527, 40.8935** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **32.8464, 38.5837, 17.0258**, and the grayscale version is **13.9063, 14.6305, 15.9326**.

A 20% lighter version of the original color is **38.3038, 33.8492, 77.9135**, and **5.7802, 4.3525, 17.9882** is the 20% darker color. If you saturate the color by 10%, you get **14.1338, 10.6629, 40.3432**, and if you desaturate by 10%, it is **20.9654, 18.9142, 41.5758**.

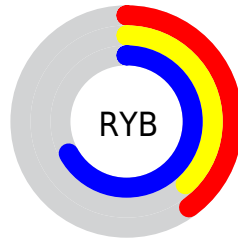
Distribution



Red (40%)

Green (38%)

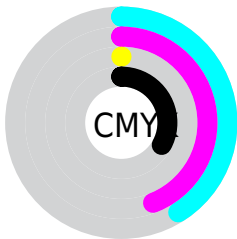
Blue (67%)



Red (40%)

Yellow (38%)

Blue (67%)

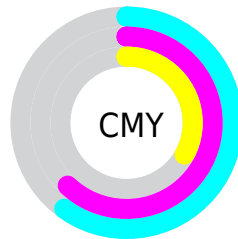


Cyan (41%)

Magenta (44%)

Yellow (0%)

Black (33%)



Cyan (60%)

Magenta (62%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2006, 14.3527, 40.8935 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 17.2006, 14.3527, 40.8935 by changing the saturation by 10% instead.

■ 17.2006, 14.3527,
40.8935

■ 17.2006, 14.3527,
40.8935

229.4595,
219.4141, 365.5388

■ 10.4738, 8.3664,
27.9168

■ 38.2112, 33.7135,
77.7741

■ 5.7789, 4.3303,
18.0245

■ 53.2257, 47.8569,
102.5151

■ 2.7505, 1.8600,
10.7979

■ 71.7336, 65.4880,
132.0146

■ 1.0232, 0.5241,
5.8187

■ 94.1000, 86.9912,
166.6912

■ 0.0000, 0.0000,
2.6681

120.6905,
112.7511, 206.9633

■ 0.0000, 0.0000,
0.9273

151.8704,

■ 0.0000, 0.0000,

143.1519, 253.2496

0.0000

188.0049,
178.5781, 305.9686

■ 17.2006, 14.3527,
40.8935

■ 17.2006, 14.3527,
40.8935

■ 14.1338, 10.6629,
40.3432

■ 20.9654, 18.9142,
41.5758

■ 11.7204, 7.7879,
39.9155

■ 25.4657, 24.3966,
42.3968

■ 9.9132, 5.6661,
39.6012

■ 30.7385, 30.8470,
43.3640

■ 8.6582, 4.2268,
39.3895

■ 36.8177, 38.3092,
44.4839

■ 7.8913, 3.3856,
39.2676

■ 43.7350, 46.8240,
45.7629

■ 7.5908, 3.0530,
39.2192

■ 51.5209, 56.4301,
47.2067

■ 60.2038, 67.1641,
48.8209

■ 69.8111, 79.0612,
50.6109

■ 80.3692, 92.1547,
52.5817

Harmonies

Analogous

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



13.3964, 14.3527, 45.4864



17.2006, 14.3527, 40.8935



20.4873, 14.3527, 28.8655

Triad

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



17.2006, 14.3527, 40.8935



17.7046, 14.3527, 4.0407



7.7689, 14.3527, 14.9311

Complementary

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



17.2006, 14.3527, 40.8935



32.8464, 38.5837, 17.0258

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.



8.5213, 14.3527, 7.2195



17.2006, 14.3527, 40.8935



13.8902, 14.3527, 2.9280

Square

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



17.2006, 14.3527, 40.8935



20.8128, 14.3527, 7.9765



10.6112, 14.3527, 3.7604



8.3422, 14.3527, 27.0606

Rectangle

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



17.2006, 14.3527, 40.8935



21.7073, 14.3527, 20.1903



10.6112, 14.3527, 3.7604



7.8719, 14.3527, 11.8100

Sweetspot

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



17.2012, 14.3532, 40.8938



56.1466, 56.4298, 78.7386



26.1952, 33.1577, 44.0494



11.7263, 11.6807, 17.0242



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



17.2012, 14.3532, 40.8938



25.9766, 19.7465, 73.2481



22.4526, 17.0604, 41.1396



7.6265, 7.7818, 10.0528



5.6669, 2.2813, 29.1862



0.1733, 0.0715, 0.8127

Inverse Universe

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



28.2631, 20.1103, 38.9505



48.6715, 31.5656, 68.9126



26.0399, 35.0748, 16.7073



8.3137, 8.1387, 9.9626



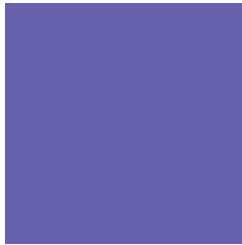
17.4250, 8.4325, 25.6812



0.4915, 0.2373, 0.7499

Previews

White Background



This preview shows how the XYZ color 17.2006, 14.3527, 40.8935 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 17.2006, 14.3527, 40.8935 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 17.2006, 14.3527, 40.8935

Background



This preview shows how black text looks on a background with the XYZ color 17.2006, 14.3527, 40.8935.

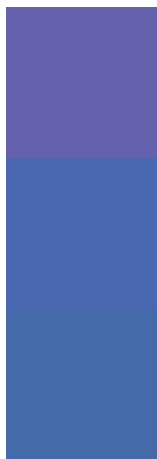


This preview shows how white text looks on a background with the XYZ color 17.2006, 14.3527,

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

17.2006, 14.3527, 40.8935

Protanopia

15.7102, 14.3707, 44.0653

Deuteranopia

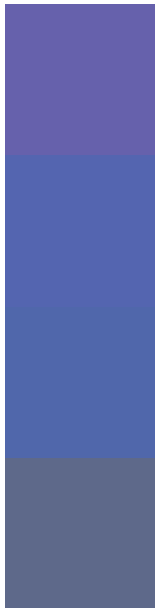
14.7936, 14.4393, 40.0376



Tritanopia

12.8585, 14.3691, 19.2353

Trichromacy



Original Color

17.2006, 14.3527, 40.8935

Protanomaly

16.1463, 14.3268, 42.9886

Deuteranomaly

15.5092, 14.3462, 40.4798

Tritanomaly

14.2551, 14.3178, 26.0570

Monochromacy



Original Color

17.2006, 14.3527, 40.8935

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.7727, 14.3424, 23.4625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2006, 14.3527, 40.8935 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(102, 97, 172)` looks like.

```
.text, #text, p{  
    color:rgb(102, 97, 172)  
}
```

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(102, 97, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 97, 172) }
```

Border

The CSS property to change the border of an element to XYZ 17.2006, 14.3527, 40.8935 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(102, 97, 172) }
```


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

```
.border{ border-color:rgb(102, 97, 172) }
```

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

Here you see how a box with a 4 pixel rgb(102, 97, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 97, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 97, 172);  
box-shadow:4px 4px 4px 4px rgb(102, 97,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2006, 14.3527, 40.8935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 97, 172) }
```

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

```
.background{ background-color: rgb(102, 97,  
172) }
```

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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