

Converting Colors

XYZ(25.8584, 28.6887, 46.7470)

Have a look what the booklet for
XYZ(25.8584, 28.6887, 46.7470)
contains.

XYZ(25.8531, 28.5781, 46.8013)	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(25.8531, 28.5781,
46.8013)**

Conversions

Conversions Part 1

Format	Color
Hex	7196B3
RGB	113, 150, 179
RGB Percent	44%, 59%, 70%
CMY	0.5569, 0.4118, 0.2980
CMYK	0.37, 0.16, 0.00, 0.30
HSL	206°, 30%, 57%
HSV	206°, 37%, 70%
XYZ	25.8531, 28.5781, 46.8013
YIQ	142.2430, -31.3610, 1.1750

Conversions

Conversions Part 2

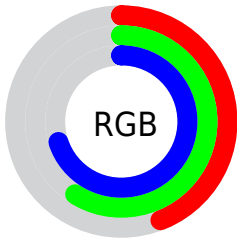
Format	Color
RYB	113, 137, 179
Decimal	7444147
CIELab	60.41, -5.38, -19.20
CIElCh	60, 19.940, 254.347
Yxy	28.5781, 0.2554, 0.2823
Android (android.graphics.Color)	4285634227 (0xFF7196B3)
YUV	142.2430, 18.1212, -25.6461
Hunter-Lab	53.4585, -7.2278, -14.4857

Details

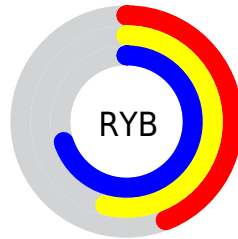
The XYZ color **25.8531, 28.5781, 46.8013** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **31.2446, 30.1225, 19.7911**, and the grayscale version is **25.7475, 27.0884, 29.4992**.

A 20% lighter version of the original color is **52.5246, 57.3994, 86.9081**, and **10.1522, 11.4221, 21.4083** is the 20% darker color. If you saturate the color by 10%, you get **22.5603, 25.0802, 46.3002**, and if you desaturate by 10%, it is **29.6862, 32.4809, 47.3531**.

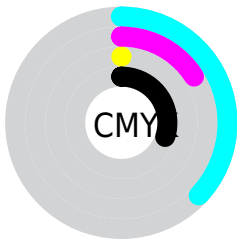
Distribution



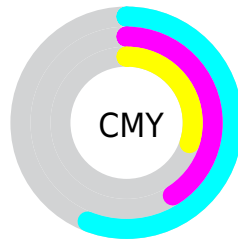
- Red (44%)
- Green (59%)
- Blue (70%)



- Red (44%)
- Yellow (54%)
- Blue (70%)



- Cyan (37%)
- Magenta (16%)
- Yellow (0%)
- Black (30%)



- Cyan (56%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8531, 28.5781, 46.8013 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 25.8531, 28.5781, 46.8013 by changing the saturation by 10% instead.

■ 25.8531, 28.5781,
46.8013

■ 25.8531, 28.5781,
46.8013

274.3302,
295.2191, 390.3916

■ 16.8459, 18.7619,
32.5254

■ 52.4709, 57.4061,
86.7638

■ 10.2193, 11.4984,
21.4950

■ 70.8121, 77.1867,
113.2875

■ 5.6080, 6.4031,
13.2915

■ 92.9954, 101.0575,
144.7309

■ 2.6466, 3.0917,
7.4965

119.3861,
129.4029, 181.5124

■ 0.9698, 1.1798,
3.6914

150.3496,
162.6074, 224.0508

■ 0.0000, 0.0451,
1.4576

186.2512,

■ 0.0000, 0.0000,

201.0554, 272.7644

0.1861

227.4563,
245.1311, 328.0718

■ 0.0000, 0.0000,
0.0000

■ 25.8531, 28.5781,
46.8013

■ 25.8531, 28.5781,
46.8013

■ 22.5603, 25.0802,
46.3002

■ 29.6862, 32.4809,
47.3531

■ 19.7766, 21.9667,
45.8459

■ 34.0830, 36.8011,
47.9552

■ 17.4715, 19.2201,
45.4373

■ 39.0689, 41.5548,
48.6100

■ 15.6099, 16.8196,
45.0721

■ 44.6669, 46.7559,
49.3189

■ 14.1511, 14.7416,
44.7479

■ 50.8985, 52.4178,
50.0833

■ 13.0386, 12.9543,
44.4615

■ 57.7842, 58.5533,
50.9046

■ 12.7277, 12.4367,
44.3780

■ 65.3437, 65.1745,
51.7842

■ 73.1515, 72.0641,
52.7025

■ 75.1770, 76.1153,
53.3777

Harmonies

Analogous

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



23.7851, 28.5781, 42.0749



25.8531, 28.5781, 46.8013



28.4035, 28.5781, 46.9109

Triad

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



25.8531, 28.5781, 46.8013



32.2282, 28.5781, 27.7453



23.8579, 28.5781, 22.0667

Complementary

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



25.8531, 28.5781, 46.8013



31.2446, 30.1225, 19.7911

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.



25.9584, 28.5781, 19.3371



25.8531, 28.5781, 46.8013



30.8457, 28.5781, 22.2483

Square

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



25.8531, 28.5781, 46.8013



32.1956, 28.5781, 35.0868



28.5156, 28.5781, 19.3979



22.6836, 28.5781, 27.4579

Rectangle

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



25.8531, 28.5781, 46.8013



30.0423, 28.5781, 44.3010



28.5156, 28.5781, 19.3979



24.4731, 28.5781, 20.8480

Sweetspot

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



25.8540, 28.5792, 46.8020



65.9849, 70.6517, 86.5405



27.7834, 37.6925, 31.2459



14.3547, 15.4009, 19.1384



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.8540, 28.5792, 46.8020



41.5809, 46.1914, 83.1055



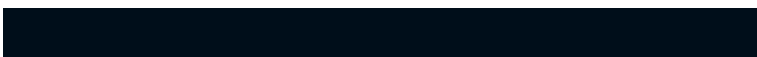
21.3556, 19.5823, 45.3025



8.4239, 8.9940, 10.7984



9.0596, 8.9196, 31.3812



0.3420, 0.3945, 1.0064

Inverse Universe

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



30.0013, 23.5968, 31.8288



50.2605, 36.7115, 51.5566



36.8238, 41.2810, 21.6509



8.6892, 8.5824, 9.8615



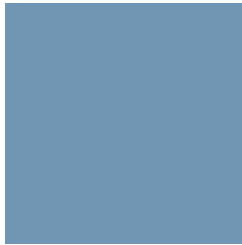
14.8075, 7.4406, 9.4124



0.4946, 0.2456, 0.4474

Previews

White Background



This preview shows how the XYZ color 25.8531, 28.5781, 46.8013 looks on a white 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

Black Background



This preview shows how the XYZ color 25.8531, 28.5781, 46.8013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

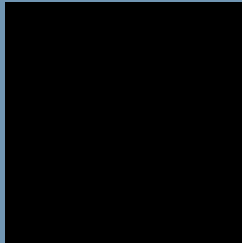
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

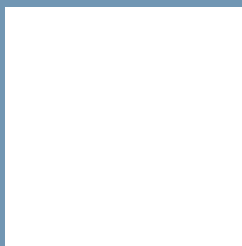
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8531, 28.5781, 46.8013

Background



This preview shows how black text looks on a background with the XYZ color 25.8531, 28.5781, 46.8013.



This preview shows how white text looks on a background with the XYZ color 25.8531, 28.5781,

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

25.8531, 28.5781, 46.8013

Protanopia

28.3586, 28.5306, 44.5697

Deuteranopia

28.9980, 28.3449, 47.6588



Tritanopia

24.3264, 28.4243, 39.8016

Trichromacy



Original Color

25.8531, 28.5781, 46.8013

Protanomaly

27.3213, 28.4382, 45.1234

Deuteranomaly

27.7237, 28.3714, 47.1950

Tritanomaly

24.7527, 28.3505, 42.1978

Monochromacy



Original Color

25.8531, 28.5781, 46.8013

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.4019, 27.4427, 34.9685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8531, 28.5781, 46.8013 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(113, 150, 179)` looks like.

```
.text, #text, p{  
    color:rgb(113, 150, 179)  
}
```

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(113, 150, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 150, 179) }
```

Border

The CSS property to change the border of an element to XYZ 25.8531, 28.5781, 46.8013 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(113, 150, 179) }
```


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

```
.border{ border-color:rgb(113, 150, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 150, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 150, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 150, 179);  
box-shadow:4px 4px 4px 4px rgb(113, 150,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8531, 28.5781, 46.8013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 150, 179) }
```

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

```
.background{ background-color: rgb(113,  
150, 179) }
```

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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