

Converting Colors

XYZ(25.7060, 31.4989, 42.7559)

Have a look what the booklet for
XYZ(25.7060, 31.4989, 42.7559)
contains.

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Color

**XYZ(25.7695, 31.6265,
42.7765)**

Conversions

Conversions Part 1

Format	Color
Hex	67A2AA
RGB	103, 162, 170
RGB Percent	40%, 64%, 67%
CMY	0.5961, 0.3647, 0.3333
CMYK	0.39, 0.05, 0.00, 0.33
HSL	187°, 28%, 54%
HSV	187°, 39%, 67%
XYZ	25.7695, 31.6265, 42.7765
YIQ	145.2710, -37.7320, -10.0200

Conversions

Conversions Part 2

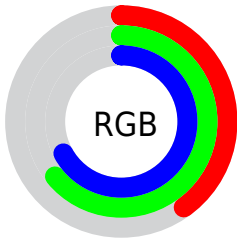
Format	Color
RYB	103, 134, 170
Decimal	6791850
CIELab	63.03, -17.05, -10.22
CIELCh	63, 19.873, 210.935
Yxy	31.6265, 0.2573, 0.3157
Android (android.graphics.Color)	4284981930 (0xFF67A2AA)
YUV	145.2710, 12.1914, -37.0717
Hunter-Lab	56.2374, -16.6221, -5.7322

Details

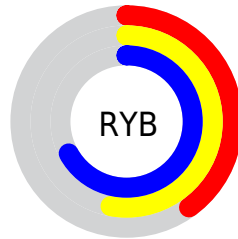
The XYZ color **25.7695, 31.6265, 42.7765** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.7106, 20.8945, 15.5633**, and the grayscale version is **26.9875, 28.3930, 30.9199**.

A 20% lighter version of the original color is **52.3081, 62.2300, 80.4888**, and **10.1613, 13.1380, 19.1399** is the 20% darker color. If you saturate the color by 10%, you get **23.6600, 30.0133, 42.5769**, and if you desaturate by 10%, it is **28.2831, 33.4581, 42.9981**.

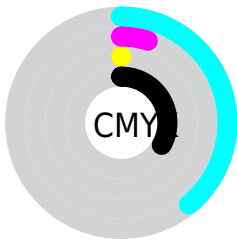
Distribution



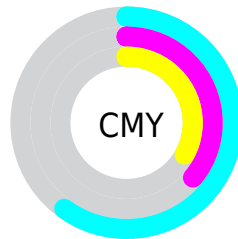
- Red (40%)
- Green (64%)
- Blue (67%)



- Red (40%)
- Yellow (53%)
- Blue (67%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)
- Black (33%)



- Cyan (60%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.7695, 31.6265, 42.7765 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 25.7695, 31.6265, 42.7765 by changing the saturation by 10% instead.

■ 25.7695, 31.6265,
42.7765

■ 25.7695, 31.6265,
42.7765

273.9262,
309.4143, 373.5860

■ 16.7831, 21.0764,
29.3797

■ 52.3368, 62.2251,
80.6562

■ 10.1743, 13.1798,
19.1202

■ 70.6484, 83.0424,
105.9762

■ 5.5778, 7.5525,
11.5795

■ 92.7991, 108.0508,
136.1077

■ 2.6283, 3.8100,
6.3390

■ 119.1542,
137.6348, 171.4691

■ 0.9604, 1.5678,
2.9802

150.0791,
172.1787, 212.4792

■ 0.0000, 0.3358,
1.0845

185.9392,

■ 0.0000, 0.0000,

212.0671, 259.5563

0.0000

227.0998,
257.6841, 313.1191

■ 25.7695, 31.6265,
42.7765

■ 25.7695, 31.6265,
42.7765

■ 23.6600, 30.0133,
42.5769

■ 28.2831, 33.4581,
42.9981

■ 21.9275, 28.6023,
42.3958

■ 31.2202, 35.5158,
43.2405

■ 20.5462, 27.3808,
42.2328

■ 34.6022, 37.8116,
43.5053

■ 19.4857, 26.3330,
42.0865

■ 38.4484, 40.3553,
43.7936

■ 18.7102, 25.4407,
41.9551

■ 42.7767, 43.1563,
44.1061

■ 18.1470, 24.6661,
41.8353

■ 47.6042, 46.2234,
44.4437

■ 18.1154, 24.6216,
41.8284

■ 52.9473, 49.5651,
44.8071

■ 58.8214, 53.1893,
45.1971

■ 64.8711, 56.9130,
45.5969

Harmonies

Analogous

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



25.1007, 31.6265, 34.6823



25.7695, 31.6265, 42.7765



27.5760, 31.6265, 49.3556

Triad

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



25.7695, 31.6265, 42.7765



34.8969, 31.6265, 42.2863



29.9743, 31.6265, 21.4610

Complementary

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



25.7695, 31.6265, 42.7765



24.7106, 20.8945, 15.5633

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.



32.6889, 31.6265, 22.8738



25.7695, 31.6265, 42.7765



35.6331, 31.6265, 34.1906

Square

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



25.7695, 31.6265, 42.7765



32.8464, 31.6265, 49.0437



34.8022, 31.6265, 27.2567



27.4359, 31.6265, 23.0615

Rectangle

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



25.7695, 31.6265, 42.7765



29.2387, 31.6265, 51.5604



34.8022, 31.6265, 27.2567



30.8966, 31.6265, 21.5971

Sweetspot

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



25.7705, 31.6277, 42.7772



60.9754, 67.3904, 78.7958



22.8280, 32.7773, 20.1102



13.4226, 14.9100, 17.5581



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.



25.7705, 31.6277, 42.7772



43.4785, 54.8869, 77.3046



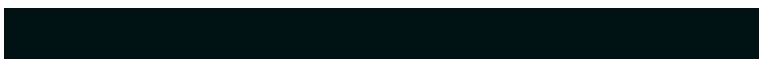
20.6585, 21.4037, 41.0732



7.6700, 8.3769, 9.6310



13.3525, 18.1653, 30.7780



0.3456, 0.4834, 0.7557

Inverse Universe

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



27.9501, 20.8559, 36.7363



48.0660, 32.9876, 64.4172



29.0476, 29.5685, 17.0089



7.8028, 7.6510, 9.2786



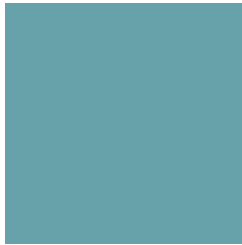
16.2403, 7.9049, 21.8750



0.4056, 0.1965, 0.5873

Previews

White Background



This preview shows how the XYZ color 25.7695, 31.6265, 42.7765 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.7695, 31.6265, 42.7765 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 ✓ Pass

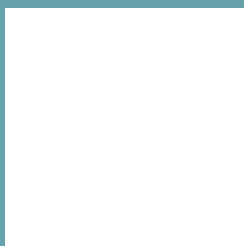
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.7695, 31.6265, 42.7765

Background



This preview shows how black text looks on a background with the XYZ color 25.7695, 31.6265, 42.7765.



This preview shows how white text looks on a background with the XYZ color 25.7695, 31.6265,

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

25.7695, 31.6265, 42.7765

Protanopia

30.4400, 31.3569, 39.0985

Deuteranopia

32.0374, 31.3650, 43.9007



Tritanopia

26.0938, 31.4888, 44.7471

Trichromacy



Original Color

25.7695, 31.6265, 42.7765

Protanomaly

28.4358, 31.2642, 40.6123

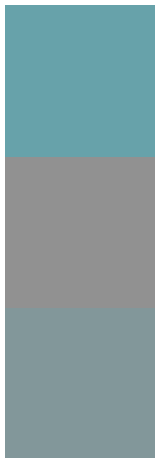
Deuteranomaly

29.1542, 31.0794, 43.4921

Tritanomaly

25.9966, 31.4499, 44.2354

Monochromacy



Original Color

25.7695, 31.6265, 42.7765

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.1053, 29.2121, 34.8345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.7695, 31.6265, 42.7765 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(103, 162, 170)` looks like.

```
.text, #text, p{  
    color:rgb(103, 162, 170)  
}
```

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(103, 162, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 162, 170) }
```

Border

The CSS property to change the border of an element to XYZ 25.7695, 31.6265, 42.7765 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(103, 162, 170) }
```


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

```
.border{ border-color:rgb(103, 162, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 162, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 162, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 162, 170);  
box-shadow:4px 4px 4px 4px rgb(103, 162,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 25.7695, 31.6265, 42.7765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 162, 170) }
```

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

```
.background{ background-color: rgb(103,  
162, 170) }
```

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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